

November 22, 2010

Ms. Kimberly Staiger, OSC  
U.S. Environmental Protection Agency  
Region II – Removal Action Branch  
2890 Woodbridge Avenue, Building 209, MS-211  
Edison, NJ 08837-3679

Alison Hess, RPM  
U.S. Environmental Protection Agency  
Region II – Eastern NY Remediation Section  
Emergency and Remedial Response Division  
290 Broadway, 20<sup>th</sup> Floor  
New York City, NY 10007-1866

**Re: Removal Action – Final Report  
Standard Chlorine Chemical Co. Inc. Site  
Kearny, New Jersey**

Dear Ms. Staiger and Ms. Hess:

Pursuant to the Paragraph 47 of the Settlement Agreement and Order on Consent for Removal Action 02-2010-2012 (Agreement and Order) among the U.S. Environmental Protection Agency (EPA), Standard Chlorine Chemical Co. Inc. (SCCC) and Beazer East, Inc. (Beazer), please find attached Final Report for the Removal Action at the SCCC Superfund Site located in Kearny, New Jersey. This report describes and documents the work performed to close and seal the openings of buildings on the eastern portion of the SCCC Site.

As documented in the Final Report contained herein, the work prescribed in the Order and Agreement is 100% complete and fulfills the requirements and intent of the Agreement and Order to mitigate any potential for existing and future exposure or release to public health and welfare and the environment from materials that may be present inside the former process buildings.

In accordance with paragraph 91 of the Order and Agreement, this Order and Agreement shall be terminated by EPA upon its written approval of the Respondent's Final Report and certification.

November 22, 2010

If you have questions regarding this submittal, please contact me at (412) 279-3363 or [jzubrow@keyenvir.com](mailto:jzubrow@keyenvir.com).

Sincerely,



James S. Zubrow  
Project Coordinator

cc: S. Flanagan – EPA Region II (electronic copy)  
C. Kanakis – New Jersey Department of Environmental Protection (hard copy)  
M. Kelly – SCCC (electronic copy)  
M. Brouman – Beazer (electronic copy)  
C. McChesney – Beazer (electronic copy)  
L. Mills – Drinker Biddle & Reath (hard copy & electronic copy)  
E. Castro – Tierra Solutions, Inc. (hard copy & electronic copy)  
G. Coscia – Langan (hard copy & electronic copy)  
B. Best – Tierra (electronic copy)  
D. Stanko – Key (hard copy & electronic copy)

**FINAL REPORT  
CLOSURE OF BUILDING OPENINGS  
NORTHEASTERN AREA**

**STANDARD CHLORINE CHEMICAL COMPANY SUPERFUND SITE  
KEARNY, NEW JERSEY**

*Prepared for:*

**Peninsula Restoration Group  
(Standard Chlorine Chemical Co., Inc., Tierra Solutions, Inc.  
And Beazer East, Inc.)**

**on behalf of  
Standard Chlorine Chemical, Co., Inc.**

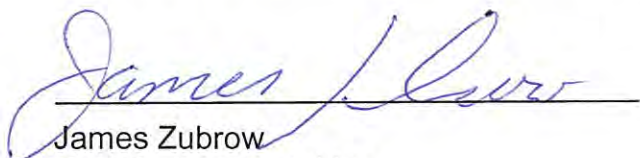
*Prepared by:*

**Key Environmental, Inc.  
200 Third Avenue  
Carnegie, PA 15106**

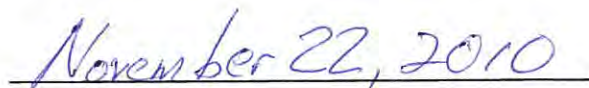
**NOVEMBER 22, 2010**

## CERTIFICATION

*“Under penalty of law, I certify that to the best of my knowledge, after appropriate inquiries of all relevant persons involved in the preparation of this final report, the information submitted is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.”*



James Zubrow  
Key Environmental Inc.  
Project Coordinator



Date



## TABLE OF CONTENTS

<b>CERTIFICATION.....</b>	<b>i</b>
<b>1.0 INTRODUCTION.....</b>	<b>1</b>
<b>2.0 SUMMARY OF WORK.....</b>	<b>4</b>
<b>3.0 EPA APPROVED MODIFICATIONS.....</b>	<b>6</b>
<b>4.0 CONCLUSIONS .....</b>	<b>7</b>

## LIST OF FIGURES

<b>1</b>	<b>SITE LOCATION MAP</b>
<b>2</b>	<b>SITE DIAGRAM</b>

## LIST OF APPENDICES

<b>A</b>	<b>DAILY LOGS</b>
<b>B</b>	<b>PHOTO DOCUMENTATION OF THE WORK</b>
<b>C</b>	<b>EPA APPROVALS AND CORRESPONDENCE</b>

## **1.0 INTRODUCTION**

This Final Report describes and documents the work performed to close and seal the openings of buildings on the northeastern portion of the Standard Chlorine Chemical Company, Inc. Superfund Site (Site) located in Kearny, New Jersey. This report has been prepared in accordance with Paragraph 47 of the Administrative Settlement Agreement and Order on Consent for Removal Action (Order), dated June 7, 2010 between the United States Environmental Protection Agency (EPA), Standard Chlorine Chemical Co., Inc. (SCCC) and Beazer East, Inc. (Beazer) (SCCC and Beazer are collectively referred to hereafter as the “Respondents”). The work was performed in accordance with the Work Plan for Closure of Building Openings (Work Plan) prepared by Key Environmental, Inc. (Key) and dated June 16, 2010. The Work Plan and construction schedule were approved by EPA by letter dated June 30, 2010.

As documented in this Final Report, the work prescribed in the Order and Agreement is 100% complete and fulfills the requirements and intent of the Agreement and Order to mitigate any potential for existing and future exposure or release to public health and welfare and the environment from materials that may be present inside of the former process buildings. In accordance with paragraph 91 of the Order and Agreement, this Order and Agreement shall be terminated by EPA upon its written approval of Respondent’s Final Report and certification which shall demonstrate that all Work has been completed in accordance with this Agreement and Order.

The SCCC Superfund Site is located at 1025 to 1035 Belleville Turnpike, Kearny, New Jersey and occupies approximately 25-acres identified on the Town of Kearny Tax Map as Block 287, Lots 48, 49, 50, 51, 52, and 52.01. Figure 1 is a Site Location Map showing the general location of the Site. The buildings which are the subject of this work are all located on Lot 49. Figure 2 is a Building Location Map showing the location of the Northeastern Area (Lot 49) and the seven (7) buildings therein with reference numbers.

From 1916 until 1993, the Site was the location of various chemical manufacturing operations. Based on the historical use of several dioxin precursor chemicals at the Site, EPA and SCCC undertook a dioxin investigation at the Site between 1985 and 1988. In October 1989, SCCC and the New Jersey Department of Environmental Protection (NJDEP) executed an Administrative Consent Order (the SCCC ACO) under which SCCC agreed to undertake certain interim remedial measures, and the investigation and remediation of the Site. Since that time, various remedial investigations and interim remedial measures have been implemented at the Site under

the SCCC ACO. In April 2003, EPA proposed adding the Site to the National Priorities List (NPL) established under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), 42 U.S.C. §§ 9601 *et seq.* The Site subsequently was added to the NPL in September 2007.

Pursuant to the ACO, an Interim Response Action Work plan (IRAW) for the Site was approved by the NJDEP on March 31, 2008, and activities identified therein are ongoing and are scheduled to be completed in 2011. Components of the Interim Response Actions under the IRAW include:

- Installation of a perimeter subsurface groundwater barrier slurry wall and sheet pile wall system around the perimeter of the Site and the adjacent Diamond Site, which will require demolition of the eastern-most building on the Site;
- Removal of south ditch and near shore river sediments with placement on-Site in a Consolidation Area within an Area of Contamination;
- Installation of a cover in certain areas on-Site;
- Recovery of dense non-aqueous phase liquids from certain subsurface lithologic units;
- Construction and operation of a hydraulic control and groundwater treatment system to maintain hydraulic control within the subsurface barrier wall limits; and,
- Certain other pertinent remedial activities.

Pursuant to EPA's request, the Group prepared and submitted to EPA an Engineering Evaluation/Cost Analysis (EE/CA) to document the development and selection of the proposed interim response action remedial alternative. The Final EE/CA Report was submitted on May 21, 2009.

As a result of the Site's NPL status, EPA conducted a Removal Site Evaluation (RSE) at the Site on April 8, 2008 and summarized its evaluation in a memorandum dated January 27, 2009. According to the RSE memorandum, EPA determined that a removal action was warranted to address 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin (TCDD) contamination that EPA alleges has been documented to exist within the former distillation building located on the Northeastern Area of the Site. EPA determined that an actual or potential release of hazardous substances from the Northeastern Area of the Site may exist, resulting from the potential for local air currents flowing through openings in certain buildings to cause migration of dust; therefore, EPA alleged that there is the potential for certain open buildings to present an imminent and substantial endangerment to the public health, welfare, or the environment within the meaning of Section 106(a) of CERCLA, 42 U.S.C. §Section 9606(a). The Order, which became effective on June 7, 2010, was entered to address the removal action proposed in the RSE. Under the Order, compliance with the terms of the Order will be deemed consistent with the NCP.

The Order required the Respondents to perform, at a minimum, all action necessary to implement the work which included the following:

- 1) Close and seal the openings of all buildings located on the eastern portion of the Site within the inner fenced area to reduce the threat of direct contact and minimize the potential of off-site migration and exposure to on and off-site workers, site visitors and trespassers;
- 2) Maintain and replace as necessary existing warning signs along the fencing in consultation with EPA; and,
- 3) Maintain and replace as necessary existing fencing around buildings on eastern portion of the Site.

The Final Report has been organized into several sections and appendices. Following this introductory section are three more sections as follows: Section 2.0 Summary of Work; Section 3.0 EPA Approved Modifications; Section 4.0 Conclusions. Three appendices are also included and support the Final Report – Appendix A – Daily Logs, Appendix B – Photo Documentation of the Work and Appendix C – EPA Approvals and Correspondence.

## **2.0 SUMMARY OF WORK**

In accordance with Section 36 of the Order and Agreement, the name, address, contact information and qualifications of the Project Coordinator were provided to EPA on June 17, 2010. Written approval by EPA of the Project Coordinator was received on July 7, 2010. Additionally, the Work Plan was submitted on June 16, 2010 and approved by EPA by letter dated June 30, 2010. Project planning and procurement activities commenced immediately.

On August 30, 2010, EPA was notified of the selection and qualifications of the Contractor retained to implement the Work Plan in accordance with Section 39 of the Order and Agreement. Nova Development Group (Nova), located in New Brunswick, NJ, was selected to perform the work.

A project Kick-off Meeting was held on September 9, 2010 and attended by Nova's site supervisor, Project Manager and Safety Manager, Key's Project Manager, Corporate Safety Officer and Site Supervisor, an EPA representative and representatives of a contractor performing the IRAW concurrently on the Site. The work, site safety and job procedures, site hazards, emergency and communication procedures were reviewed. The Health and Safety Plan was reviewed by Key's Corporate Safety Manager.

Nova mobilized on Monday September 13, 2010 and initiated site preparation activities which included establishing equipment staging areas, cordoning off the work area and setting up the personnel decontamination area. The next day, Nova began installing wooden frames on windows in accordance with the procedures described in the Work Plan. Plywood sheeting was installed and secured to the frame work; the sheeting was painted to complete the closure. Nova also built wooden doors with locks and hinges on each building to allow access for future use.

The following presents a summary of the work completed for each building:

**Building 15** - Building 15 is a four to five story, transite-sided building located in the northwest portion of the Northeastern Area. The external stairwells and landings are in poor condition. Openings that were sealed include five man-doors, one double man-door, two garage doors, and 22 windows.

**Building 17** - Building 17 is a 2-story brick and concrete building. One large (>6-ft diameter) circular roof opening is present on the west side where a former vertical tank or silo was likely situated. The openings that were sealed include: six man-doors, one double door, one garage door, 13 windows, and a large roof opening. The rubber sheeting on the roof opening was glued

together where needed, using splice adhesive. The rubber sheeting was anchored to the wood frame using plastic sleeve anchor nails.

Building 18 – Building 18 is the 8-story, transite-sided, former distillation building located east of Building 17. It is the tallest building in the Northeastern Area. Between approximately 1963 and 1981, Building 18 and the equipment within it was leased by Standard Naphthalene to SCCC for use in the distillation separation of dichlorobenzenes and trichlorobenzene. It is the only building at the Site to be used in chlorobenzenes processing. The distillation column and ancillary piping, tanks, and other equipment remain within the building. Openings that were sealed for Building 18 include: five man-doors, three double doors, and 48 windows.

Building 21 - Building 21 is a 2-story, transite-sided building with concrete floors and roof support. Building 21 is located east of Building 18. Openings that were sealed include three man-doors, four windows, and two large roof openings where former vertical tanks or silos were likely situated. Roof openings were sealed with rubber sheeting as previously described for Building 17.

Each work day during the project, Nova held a Health & Safety tailgate meeting with the work crew to discuss any issues or concerns from the previous day and review the plan and work to be completed that day. An additional Health and Safety review was performed with Nova to reiterate the proper protection equipment and decontamination procedures to work in Building 18.

Twenty (20) warning signs were placed on the buildings and the perimeter fence. The signage specifications were in accordance with the Work Plan.

Only minor concerns were encountered during the implementation of the Work Plan. Soft surface materials to the east of Buildings 15 and 17 caused stability problems for mobile equipment. Nova requested the placing of compacted fill around the buildings to make it safer and more stable. The IRA Contractor (WRScompass) placed and compacted the fill in the requested area to create a stable working surface.

Work was completed on October 15, 2010 and the contractor demobilized from the Site on October 18, 2010.

### **3.0 EPA APPROVED MODIFICATIONS**

Modifications to the Work were necessary due to the change in site conditions that occurred since the execution of the Agreement and Order.

Section 5.3.1 of the Work Plan details the installation of warning signs along the fence line and at the gates into the former process area. Portions of the fence, however, have been removed as part of the Interim Remedial Action Work. On September 13, 2010 during a site visit, Key and the EPA OSC (Ms. Staiger) discussed the issue and agreed to place the warning signs on the buildings in addition to the remaining fence line. The signage specifications were in accordance with the Work Plan.

An additional modification to the Order and Agreement was formally requested by Key on behalf of the Respondents in a letter dated November 8, 2010. This modification requested EPA's confirmation that replacement of the fence as described in Section 44 of the Agreement and Order was no longer necessary under current site conditions. The modification was approved by EPA on November 16, 2010. A copy of the approval letter is presented in Appendix C.

## **4.0 CONCLUSIONS**

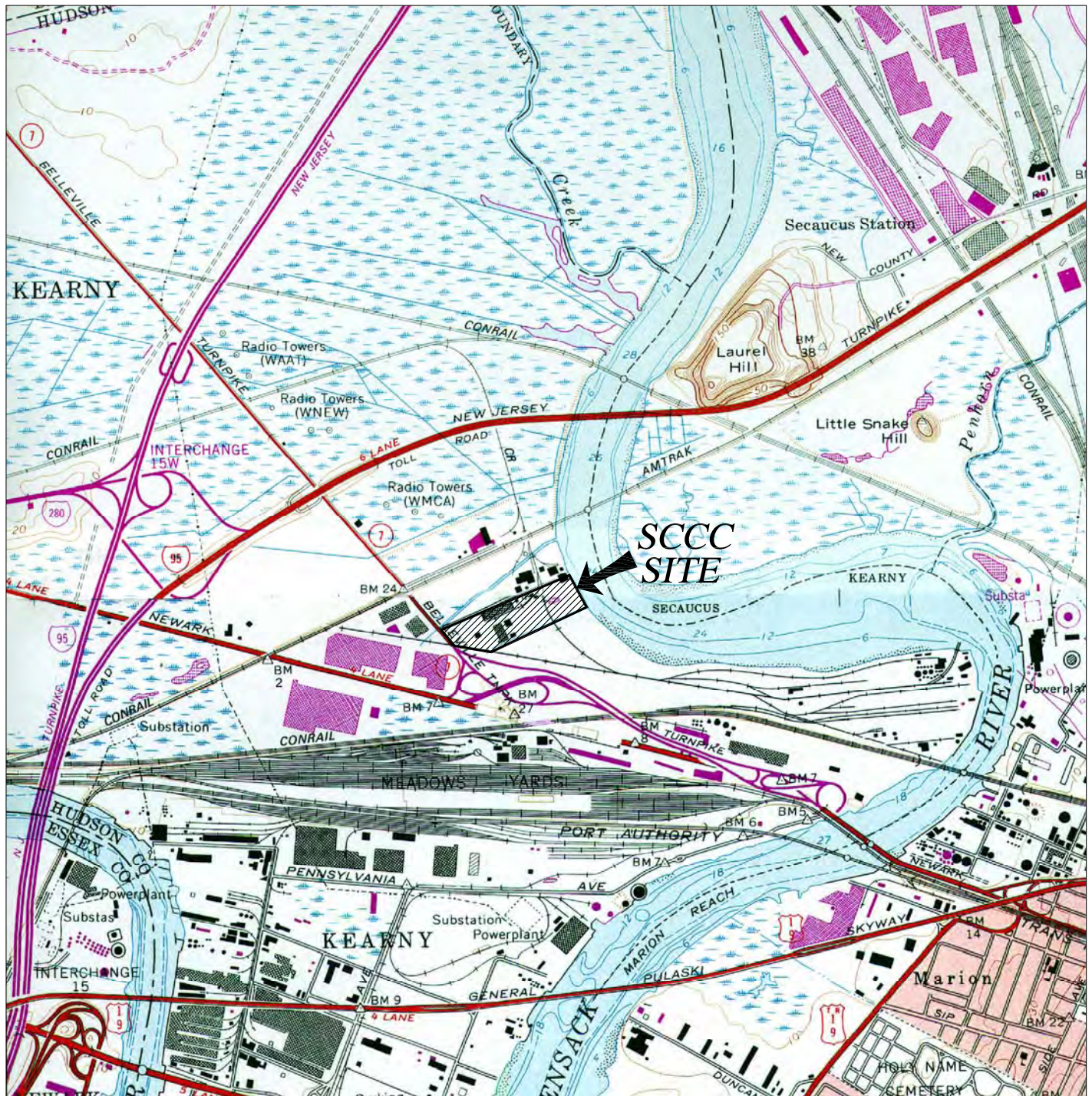
In accordance with paragraph 91 of the Order and Agreement, this Order and Agreement shall be terminated by EPA upon its written approval of Respondent's Final Report and certification which shall demonstrate that all Work has been completed in accordance with this Agreement and Order.

As documented in this Final Report, the work prescribed in the Order and Agreement is 100% complete and fulfills the requirements and intent of the Agreement and Order to mitigate any potential for existing and future exposure or release to public health and welfare and the environment from materials that may be present inside of the former process buildings.



## **FIGURES**

Y:\00civil\kearny\ira design\production drawings\building demolition\scoping\buildings 16, 19, and 20\figure 1 - usgs map.dwg Last Saved By: Scomer 1/28/2010 5:13 PM Plotted By: Shelly Comer 1/28/2010 5:15 PM Scale: 1:1



QUADRANGLE LOCATION

REFERENCE: USGS 7.5 MINUTE TOPOGRAPHIC QUADRANGLES  
OF JERSEY CITY, AND WEEHAWKEN, NEW JERSEY

ISSUE DATE:

KEY ENVIRONMENTAL, INC.  
200 THIRD AVENUE  
CARNEGIE, PA 15106

## PENINSULA RESTORATION GROUP

DRWN: GLC  
CHKD: RJH  
APPD: JSZ  
SCALE: 1" = 2000'

DATE: 08/24/09  
DATE: 08/24/09  
DATE: 08/24/09

**KEY** ENVIRONMENTAL  
INCORPORATED

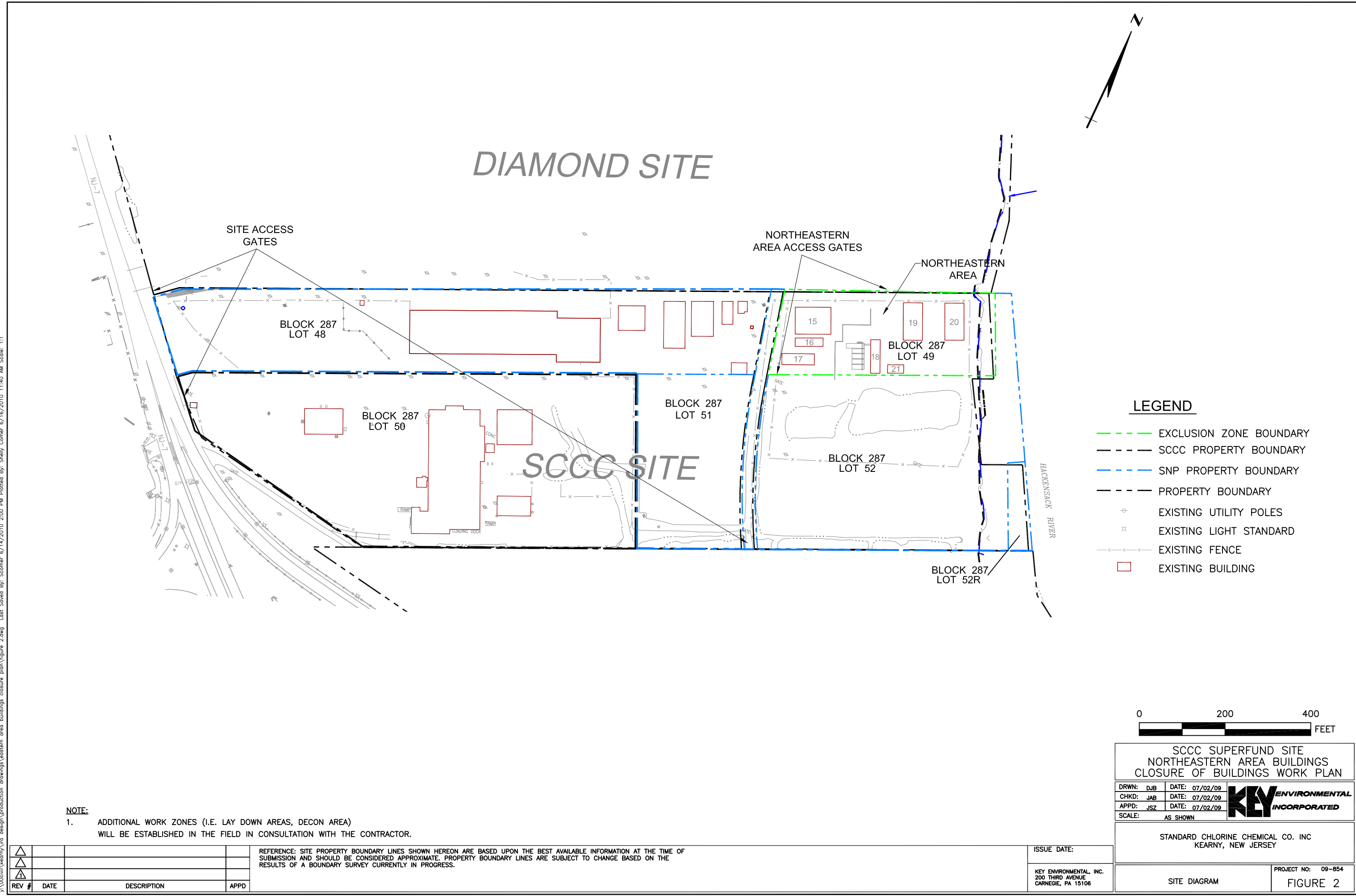
BUILDINGS 16,19, AND 20 DEMOLITION AND ACM REMOVAL  
SCCC SITE  
KEARNY, NEW JERSEY

SITE LOCATION MAP

PROJECT NO: 09-803/804  
FIGURE 1



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**NOTE:**  
1. ADDITIONAL WORK ZONES (I.E. LAY DOWN AREAS, DECON AREA)  
WILL BE ESTABLISHED IN THE FIELD IN CONSULTATION WITH THE CONTRACTOR.

REFERENCE: SITE PROPERTY BOUNDARY LINES SHOWN HEREON ARE BASED UPON THE BEST AVAILABLE INFORMATION AT THE TIME OF SUBMISSION AND SHOULD BE CONSIDERED APPROXIMATE. PROPERTY BOUNDARY LINES ARE SUBJECT TO CHANGE BASED ON THE RESULTS OF A BOUNDARY SURVEY CURRENTLY IN PROGRESS.				ISSUE DATE:	
				KEY ENVIRONMENTAL, INC. 200 THIRD AVENUE KEARNEY, PA 15106	
△				KEY ENVIRONMENTAL INCORPORATED	
△					
△					
REV #	DATE	DESCRIPTION	APPD	PROJECT NO: 09-854	
				FIGURE 2	

## **APPENDIX A**

### **DAILY LOGS**

## DAILY FIELD ACTIVITIES

EPA Removal Order

Kearny, NJ

**KEY** ENVIRONMENTAL  
INCORPORATED

Date:

09/05/2010

Page:

1 of 1

Weather

Raining / cloudy, 69°

CQA Inspector:

Jamak Koochak

Personnel Onsite

Dan Stanke  
Jason Pierrotti  
Tiricia Moore  
Melisa GabrielWislaw Sobotka  
R. Masabanda  
Gerson VargasBenjamin Ramirez  
Jamie Meia

Equipment Onsite

Generator, Powder actuation gun, hand tools

Visitors Observed

Bonnie Hriczko (EPA)

## ACTIVITIES COMPLETED:

7:00 - 7:20 Tailgate meeting

7:20 started bringing materials &amp; equipments but because of the wet condition on site &amp; the weather they moved so slow.

4 workers were working inside building "18" &amp; one of them cut, paint &amp; make ready all the beams &amp; plywoods needed for work in build "15" as it's impossible working outside while it's pouring.

As the weather didn't let move work faster they just put frame on 7 windows on building "18" from inside. They put beams on 6 windows as well.

Windows "40", "35", "11", "40", "44", "45" &amp; "34"

34 → just frame, the rest → frames &amp; supporting beams

Bonnie Hriczko from EPA was on site, she didn't give any particular comment. She asked to inform her whenever there is no work due to weather condition.

14:45 Done for day &amp; started wrapping their stuff

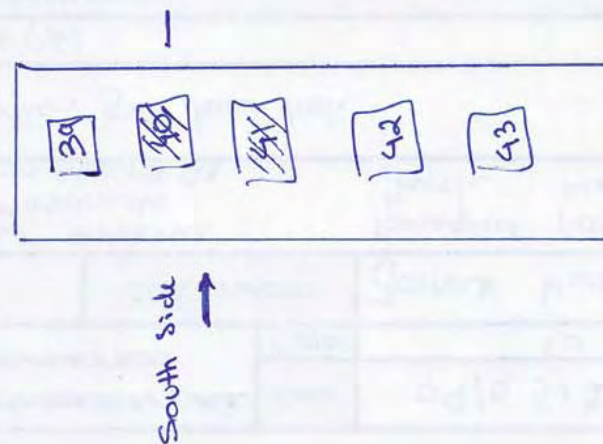
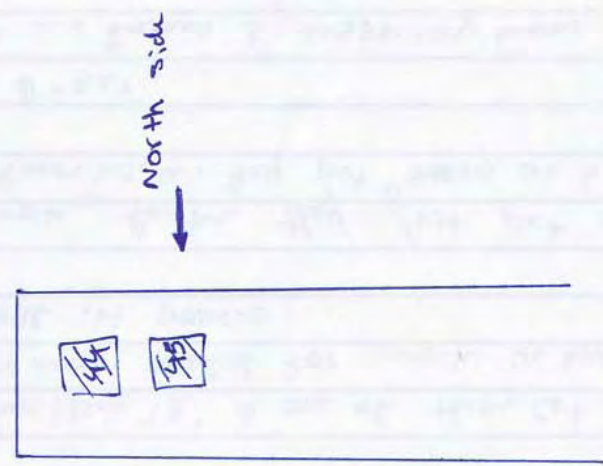
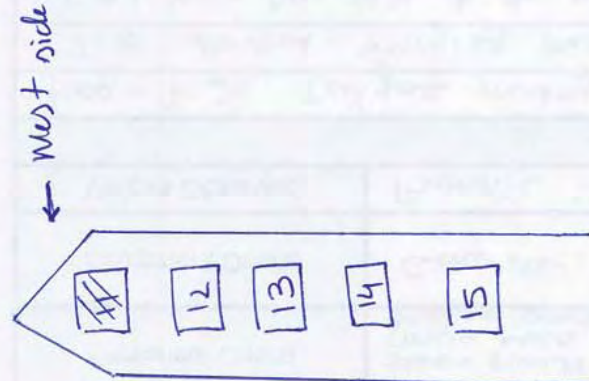
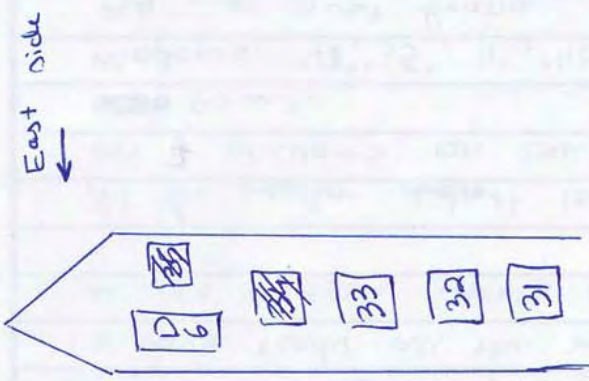
15:10 left the site.

## ISSUES / CONCERNS:

NO work on 09/30/2010, 10/01/2010 &amp; 10/04/2010



09/05/2010





<b>DAILY FIELD ACTIVITIES</b>		<b>KEY ENVIRONMENTAL INCORPORATED</b>	Date:	9/14/2010
IRA Construction Project			Page:	1 of 1
Kearny, NJ				
Weather	Sunny, 76°	CQA Inspector:	Jamak Koochak	
Personnel Onsite	Dan Stanko, Trecia Moore, Teresa Royek			
Equipment Onsite				
Visitors Observed				
<b>ACTIVITIES COMPLETED:</b>				
7:30 Nova started bringing equipment to the work zone				
8:00 started to put frame on the window "2" (see back) & on the door "2" of the Right side of the building				
8:30 started to put beams on the door "2" & Ply woods on the window "2"				
9:00 Marked beams location on the plywood				
9:30 started work after break, screwing the panels to the buildings on window "2" & putting ply woods on the door # 2. (See back)				
10:00 finished window "2", started moving scaffold to window "3" (see back)				
10:30 started putting frames on window "3" & finished door # 2 (see back)				
10:50 finished putting frame & started to install crossing beams (window 3)				
11:00 finished putting beams, started putting plywoods on the beams (window 3)				
Also started putting frame & beams on window "8"				
11:20 finished window "3". Noticed the gap between two parts of the woods on window "8" frame which is because of the big screw that attached the Metal frame of the previous window to the Construction (see pic #101-4028)				
After putting plywoods on the frame all the gaps were covered (13:00)				
12:45 started to put frame & beams on window 9 & door 4 (on the East side)				
13:37 finished putting plywood on door # 4				
14:02 putting Plywood on window "9"				
14:30 Done for today				
<b>ISSUES / CONCERNS:</b>				





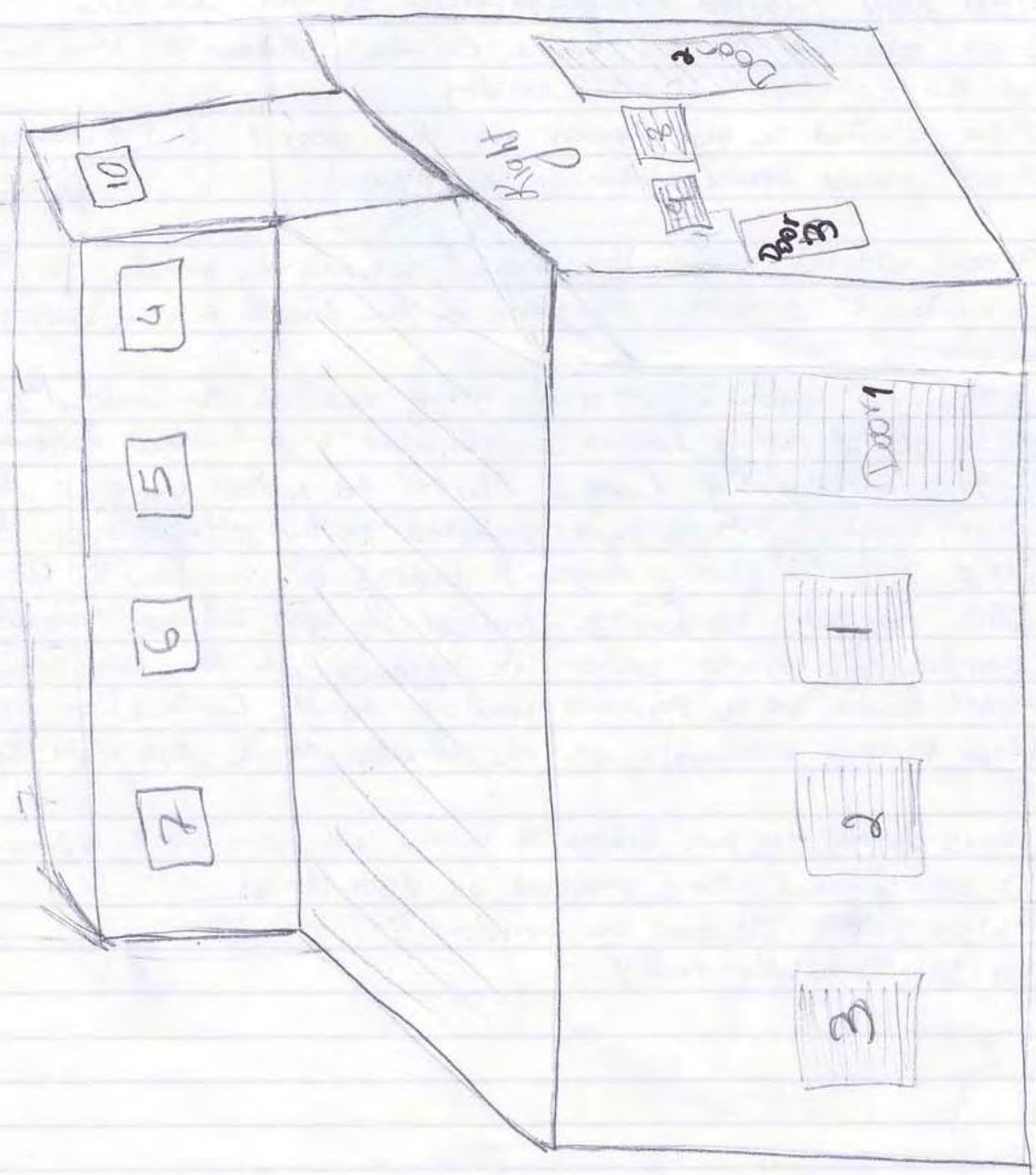
Track 1 Bldg 14, 19, 20 - demo 9/27

Track 2 15, 17, 18 + 21 close openings 9/10-10/1  
Demo - 1st Q 2011

East side of the building

Building 15

South ↑





## DAILY FIELD ACTIVITIES

IRA Construction Project  
Kearny, NJ**KEY** ENVIRONMENTAL  
INCORPORATED

Date: 9/15/2010

Page: 1 of 1

Weather

Sunny, 79°

CQA Inspector:

Jamak Koochak

Personnel Onsite

key  
Dan Stariko, Tricia Moore, (Nova), { Andre Raldon Santos delgado  
J. Melia Baraguiel Ramir  
W. Sobotta

Equipment Onsite

Generator, Scaffold,

Visitors Observed

Kim Staiger (EPA)

## ACTIVITIES COMPLETED:

7:00 Nova had a safety meeting

7:20 started to set up the equipments &amp; plywoods

7:30 started to put the frames on the window "4" &amp; also 12 on the east side of the building

8:00 finished the window 12 &amp; started to put beams on window 4

8:45 From EPA visited the site

9:30 started putting frames on window "14" (see back)

10:00 ~ ~ plywood on ~ "14" &amp; "4" (see back)

10:30 finished windows "4" &amp; "14" &amp; started working on window "5" &amp; "15" on the south side of the building

11:00 they finished putting frames &amp; supporting beams on windows "5" &amp; "15" &amp; started putting plywoods

13:00 finished putting plywoods on window "15" &amp; moved to window "16"

14:00 starting ~ ~ on window "16" (just the lower part)

14:45 finished ~ ~ ~ ~ "16" &amp; "6" &amp; put frames on "17"

15:00 Done for the day

\* No Comments from EPA

Andre from Nova asked for removing vegetation &amp; flattening of the area behind the building 15 &amp; 16 to be able to reach the opening on that side

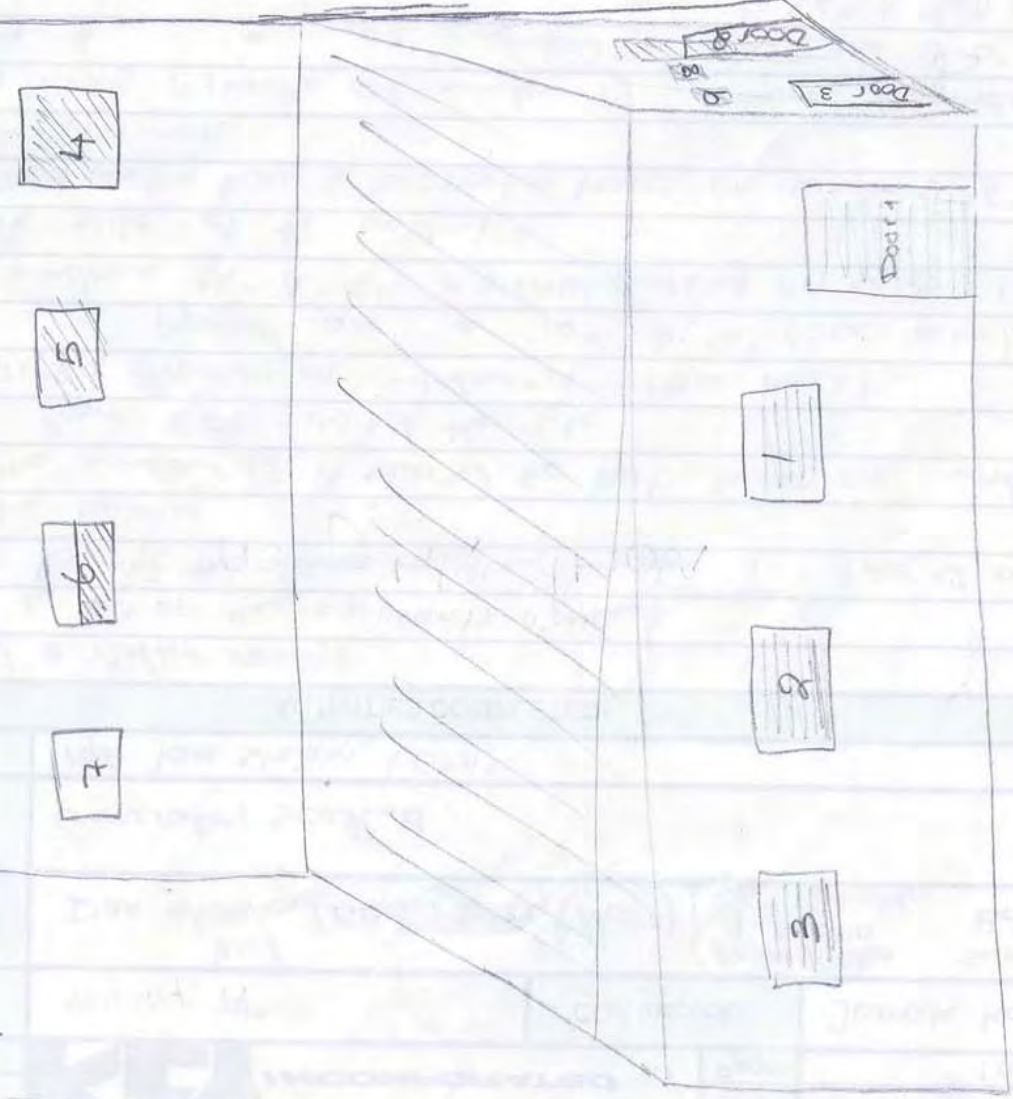
## ISSUES / CONCERNS:



09/15/2010

South  
↑

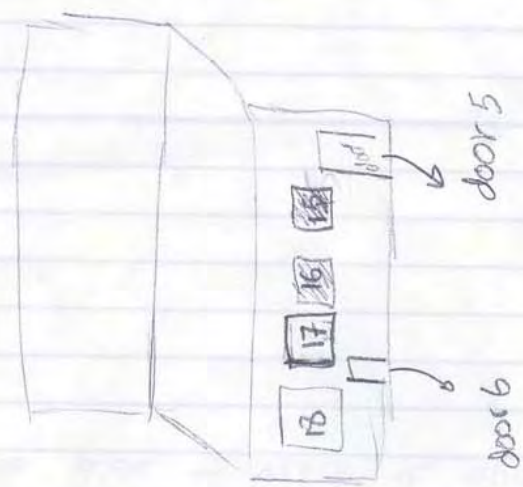
Building "15"



East side of the building



South side of the building





<b>DAILY FIELD ACTIVITIES</b>		<b>KEY ENVIRONMENTAL INCORPORATED</b>		Date:	6/16/2010
EPA Removal Order				Page:	1 of 1
Kearny, NJ					
Weather	(morning) Sunny, 79° / (afternoon) cloudy/windy		CQA Inspector:	Jamak Koochak	
Personnel Onsite	Dan Stanko } key Teresa Moor }		Andre Kaldan (supervisor) J. Melia W. Sobotka	Santos delgados Baraguid Ramirez	Nova
Equipment Onsite	Scaffold, Generator, lift, hand tools,				
Visitors Observed	Manuel Ortiz & Abraham Hernandez (local 78, Union agency)				
<b>ACTIVITIES COMPLETED:</b>					
7:00-7:20 Tailgate meeting					
7:30 started working on windows "6" & "17" which was incomplete from 9/15					
7:45 finished windows "6" & "17"					
8:00 WR compass brought 6 buckets of fill to make the west side of the building flat to make it safe for workers					
8:45 started working on window 7 (framing)					
9:00 Putting ply woods on window 17 & finished it also finished putting frames on window "7" & started putting crossing beams on that					
9:20 started putting ply woods on window "7" & also window "17" is finished					
10:00 finished window "7"					
10:15 Manuel Ortiz & A. Hernandez from union agency came to the site & stopped work for 15 minutes. Dan Stanko (key) & Andre Kaldan (Nova) tried to solved the issue with them & on 10:30 labors went back to work & started putting frames & crossing beams on window "10" (south side of the build).					
10:45 Dan Stanko, Manuel Ortiz & A. Hernandez went to the Key Trailer to discuss the issue with union office & Nova.					
11:00 Nova finished door "6" & window "7"					
11:30 finished putting windows "8" & "9" & doors "1" & "2"					
12:30 started work on window "19" & also south side of the build "17" on door #1,					
2:10 finished working on door "1" of building "17" & also finished putting frames & crossing beams on window "19" of building "15"					
2:30 only plywood was installed on window "19" of building "15" & done for today at 2:45					
WR compass removed all the vegetations on the East side of the build "15" to provide the better access to the windows. End of the build "15" is left.					
After talking to Nova office & union's office (local 78) It's been decided to add 2 more labors from union to work on 9/17/2010					
<b>ISSUES / CONCERNS:</b>					



South  
↑

North side



South side build (15)

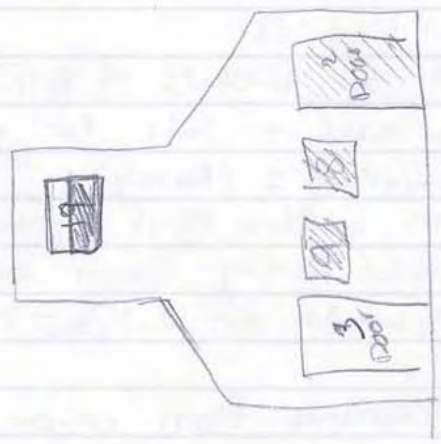


NJ Transit

East side of build "15"

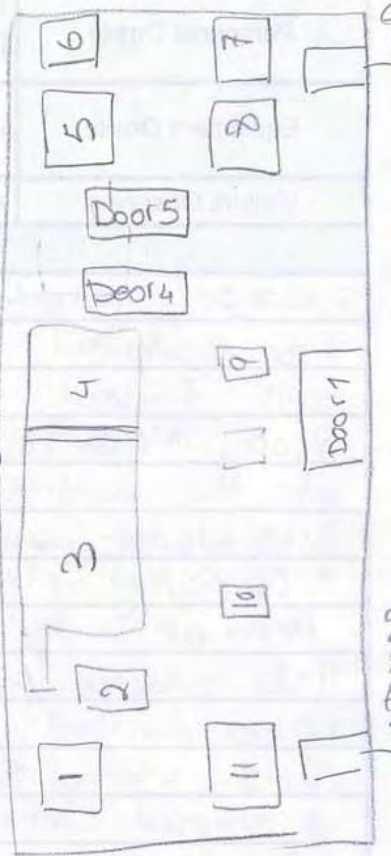


West side of the build "15"



building "16"

North  
↑





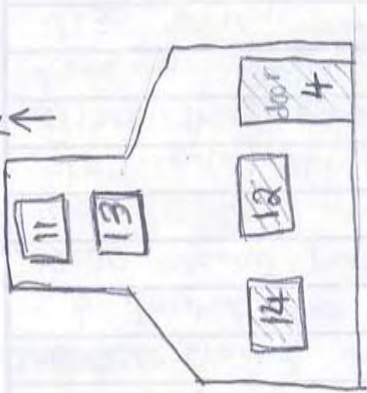
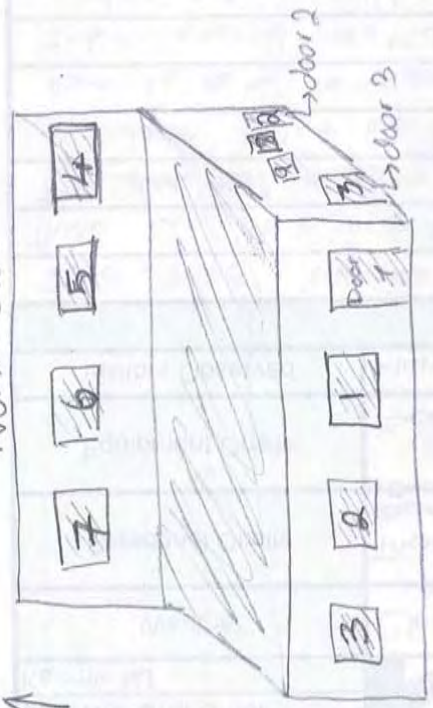
DAILY FIELD ACTIVITIES	<b>KEY ENVIRONMENTAL INCORPORATED</b>		Date:
EPA Removal Order			09/17/2010
Kearny, NJ			Page: 1 of
Weather	Cloudy/windy 79°-82°	CQA Inspector:	Jamark Koochak
Personnel Onsite	Key: Tricia Moore / Andre Kaldan NOVA (supervisor) Dan Stanko J. Melia <del>Susan Planch</del> W. Sobotka Santos delgadros Baraquiel Ramirez		
Equipment Onsite	Scaffolds, Generator, lift, hand tools		
Visitors Observed	Manoel Ortiz, Abraham Hernandez (local 78), Dominik Tringali (NOVA)		
<b>ACTIVITIES COMPLETED:</b>			
7:00 - 7:30 Tailgate meeting			
There were two union labors that were sent out to the job site but apparently they don't speak good English & they can't understand the Health & Safety plan so Nova didn't let them start work & Ortiz & Hernandez from local 78 came down to site to solve the issue (10:00 a.m.)			
7:30 started putting supporting beams & frames on door 2 on build 17 & windows "21" on build "15" they also finished putting plywood on window "19" from 9/16			
8:00/10:00 started installing frame & supporting beams on window "22" build "15" & finished door 2 on build "17"			
10:00 started painting windows "1", "2", "3", "12", "14" & doors "1" & "4"			
11:00 Done with painting & also putting beams & crossing beams on window 22 build "15". on build "17" they closed door "6" on west side as well			
11:30 they measured the roof on build "17" & also finished putting beams & frame on window "22" build "15"			
12:30 starting putting plywood on window "22" also all the windows on south side of the build "15" are painted.			
13:30 door "3" on build "17" is complete & started work on window "7" on build "17"			
13:45 window "22" is done & started putting plywood on window "21" on build "15"			
14:00 Painted door "6" on west side of build "17"			
14:30 window "21" from build "15" is done, also framing of window "7" of build "17"			
15:00 They are done painting window "21" & "22" on building "17"			
15:35 left the site			
ISSUES / CONCERNS: Andre (NOVA) asked me to set up the decon chambers while working on build "19" inside build "21" considering cold weather in a near future & also use 10 ft boards instead of 8 ft on roof of build "17", was discussed with Dan Stanko & Teresa Royek & they approved it.			



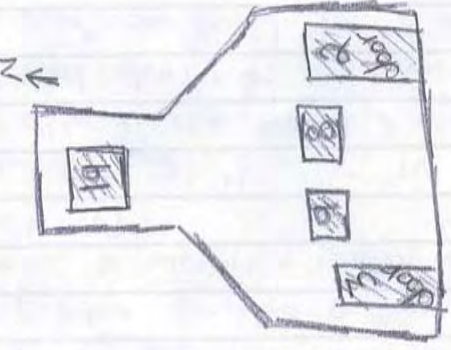
04/14/2000

North side

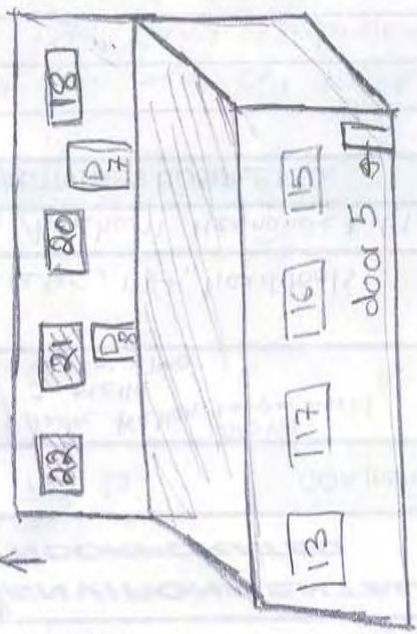
500 ft



west side of build "15"



South



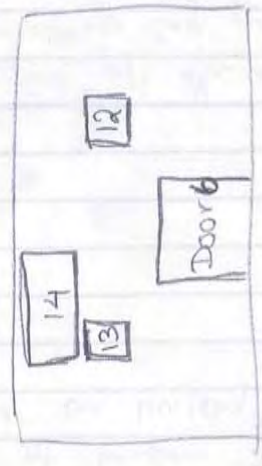
build "17"

N



N

west side



N5 Transt

North



## DAILY FIELD ACTIVITIES

EPA Removal Order

Kearny, NJ

**KEY** ENVIRONMENTAL  
INCORPORATED

Date:

9/20/2010

Page:

1 of 1

Weather

Sunny, 74°

CQA Inspector:

Jarnak Koochak

Personnel Onsite

Tirica Moor  
Dan Stanko  
Jason Piccetti

} key

Andre kaldan  
J. Melia  
W. SobotkaSantos delgadós  
Baraquiel Ramirez  
Gerson Vargas

Rafael M. (NOVA)

Equipment Onsite

Generator, lift, scaffold, hand tools

Visitors Observed

N/A

## ACTIVITIES COMPLETED:

7:15 Tailgate meeting

7:15 started bringing equipments

7:30 started making holes &amp; put anchors on the Build "17" roof to make it safe &amp; ready for work, also painting windows on south &amp; north side of the build "15"

9:30 done with painting on windows "4, 5, 6, 7" on build "15" &amp; roof of build "17"

10:00 union workers arrived, checked all the documents, made them sign affidavit sheet &amp; they started at 10:30

10:30 started working on window "8" on build "17" &amp; window "13" on build "15"

11:30 finished putting frames &amp; supporting beams on window "13" build "15" &amp; also framing of window "8" on build "17"

12:30 started putting plywoods on window "13" build "15", finished putting supporting beams on window "8" build "17" at 13:00

13:30 finished putting plywoods on both windows &amp; started putting frames on window "11" on build "15", finished it at 14:00

14:00 They finished doors "7" &amp; "8" on build "15" &amp; stopped working as their lift got stuck in the mud (14:30) &amp; they left the site at 15:15 after fix the lift

## ISSUES / CONCERNS:



9/20/2010

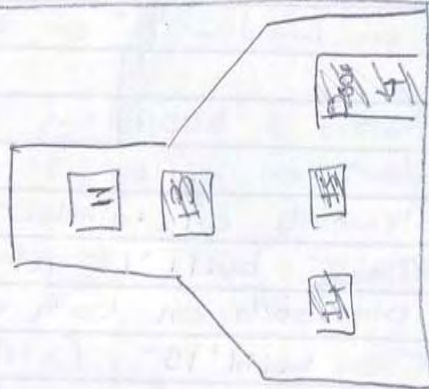
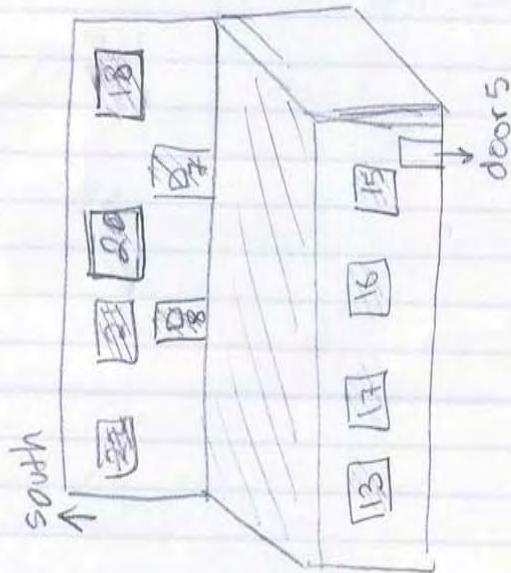
North side

↓

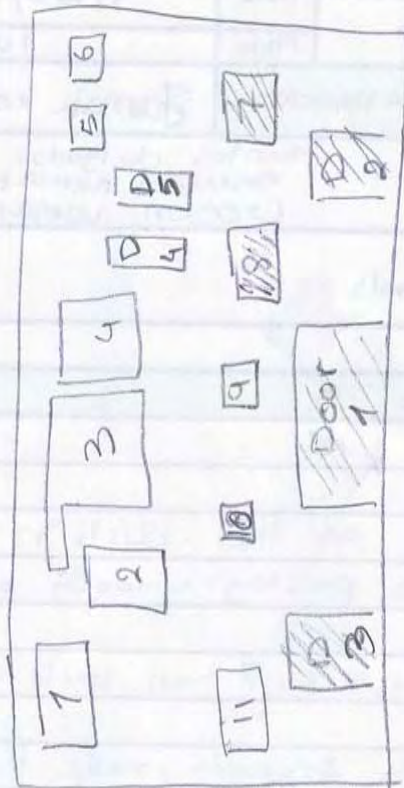


South

↑



09/20/2010



NS Transit



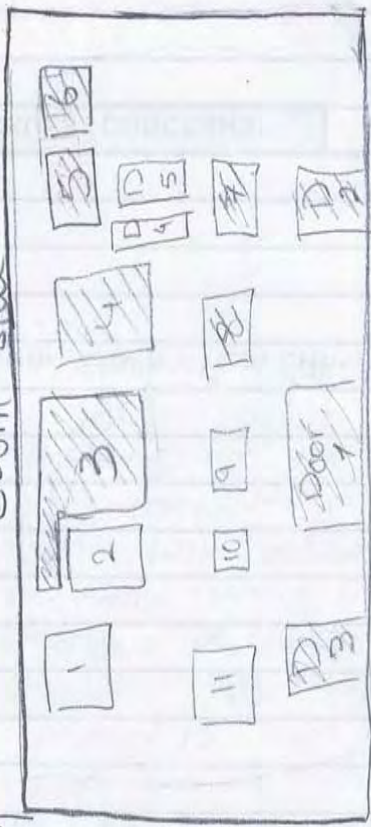
DAILY FIELD ACTIVITIES		KEY ENVIRONMENTAL INCORPORATED		Date:	09/22/2010
EPA Removal Order				Page:	1 of 1
Kearny, NJ					
Weather	Sunny, 79°		CQA Inspector:	Jமாக Koochak	
Personnel Onsite	Dan Stanko / Andre Kaldan / W. Sobotka / Gerson Vargay Patricia Moore / J. Melio / Paraguid Ramirez Gerson Piretti / Santos delgado / RAFAEL Masaband				
Equipment Onsite	Generator, lift, hand tools.				
Visitors Observed	Kim Staiger (EPA)				
ACTIVITIES COMPLETED:					
7-7:15 Tailgate meeting					
7:15-7:30 Bringing equipments to the work zone					
7:30 W.R. Compans started to bring fill to the work zone in order to make a platform & level the surface					
Nova started working on south side of the building "17" Nova is going to close windows on this build from inside as the condition of concrete outside of the windows don't let them to attach beams to the window from outside.					
10:00 Nova finished painting of windows "7 & 8" & door "1, 2 & 3" on building "17" & also put frames on windows "4 & 5" from inside on build "17" & started putting frames on window "6" & supporting beams on windows "5 & 4" of build "17"					
10:00 W.R. Compans brought more fill to put around build "18" & "21"					
10:30 finished putting plywoods on windows "4 & 5" on build "17" & started to paint windows "13 & 18" of build "15", also doors "7 & 8"					
13:00 started working on window "3" & window "14" on west side of the building "17" also finished windows "4 & 5" of this building					
Compans still working on the area to make a pathway for Nova					
Compans stopped on the roadway and they are going to continue tomorrow to work around build "18" & "21"					
They put supporting beams & frames on window "14" of build "17" & finished window "3".					
15:30 Done for today.					
Kim Staiger from EPA informed us that she is going to be on this Friday's conference call					
ISSUES / CONCERNS:					



09/22/2010

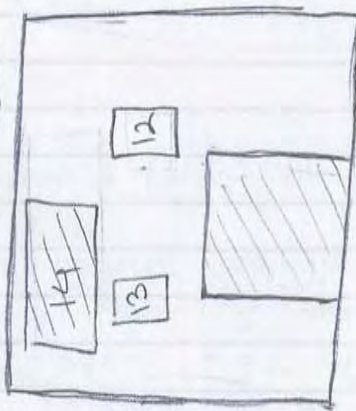
North

South side



WEST side

North



South

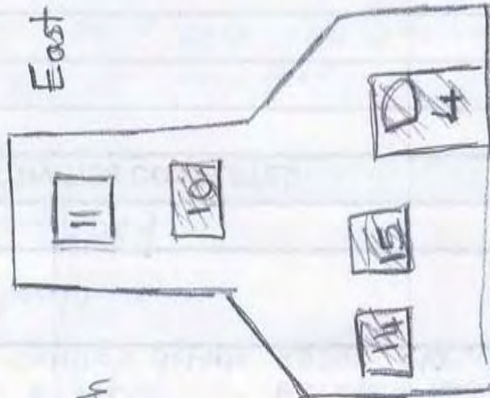
South side



Building "15"

South

East side



NS Transit



## DAILY FIELD ACTIVITIES

EPA Removal Order

Kearny, NJ

**KEY ENVIRONMENTAL  
INCORPORATED**

Date:

09/23/2010

Page:

1 of 1

Weather

Sunny, 79°

CQA Inspector:

Jamak Koochak

Personnel Onsite

Dan Stanko  
Tirica Moore  
Jaeson Pietti

} Key

Andre Kaldin  
J. Melro  
W. SobotkaRafael Masabanda  
Enrique Ramirez  
Gerson Vargas

} Nova

Equipment Onsite

Generator, lift, handtools,

Visitors Observed

## ACTIVITIES COMPLETED:

7:00-7:15 Tailgate meeting

7:15 started bringing equipments &amp; stuff to the work zone

7:30 W.R. Compans started working on areas around build "18" &amp; "21"

Nova started working on window "14" of building "15" &amp; also the roof of build "21"

9:00 They are done with window "14" on build "17" &amp; still working on the roof of build "21", also started bringing necessary material to the building "18" to start working on the tower.

10:30 - 12:30 stopped work (See below)

12:30 started working on window "1" on building "18" from inside also they finished small windows &amp; 2 doors on building "17" (windows "9" &amp; "10" &amp; doors "7", "4" &amp; "8", started working on door "5".

13:30 finished window "1" building "18" &amp; started window "17" on the north side of building "18"

14:00 finished door "5" of building "17"

14:30 Put frames on window "17" of build "18"

14:45 Done for today &amp; started bring their equipments out of the work area &amp; at 15:00 left the site

They decan 3 workers who was working in the building "18" as well

\* They just put all the safety setting up on the roof of building "21" to make it ready for work. waiting for necessary materials for that to get to the site.

## ISSUES / CONCERNS:

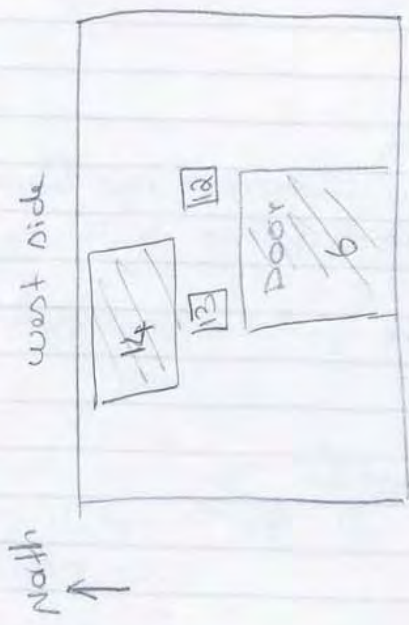
AS Dan Stanko saw Andrew entering building "18" without required cover, Key asked Nova to stop working & held the meeting with Enrique Castro, Byron Best, DEP, Dan Stanko & they decided to stop Andre from working & Dominick from Nova came to the site & reviewed health & safety Plan again with labors & at 12:30 they went back to work & Andre left the job & Wieslaw Sobotka took over his position as a supervisor



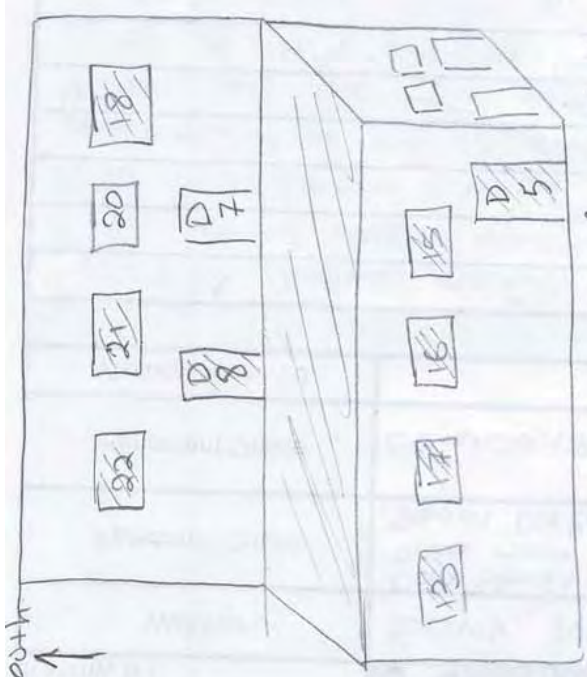
09/23/2010

building "17"

2 windows  
? small window



Building "18"



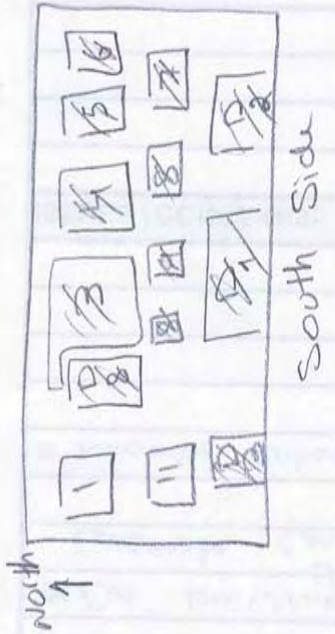
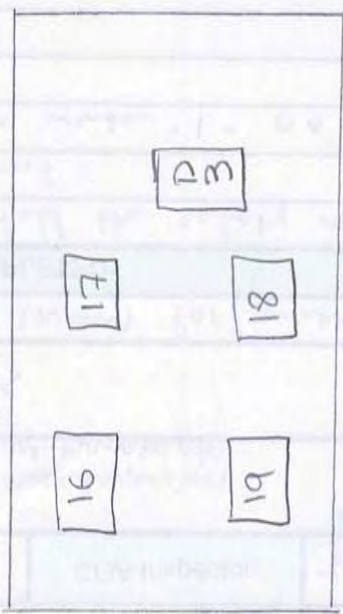
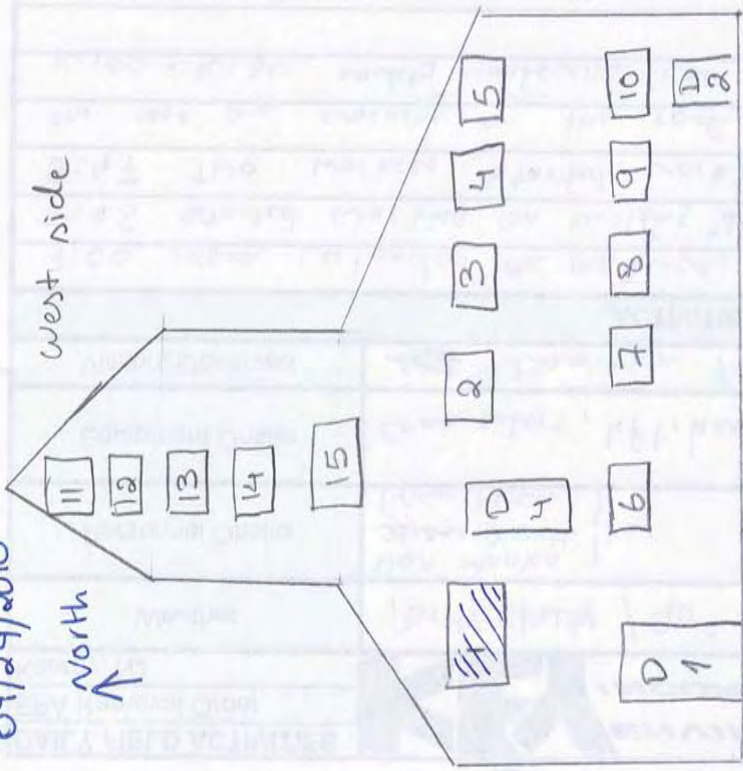
2 windows  
? small window



DAILY FIELD ACTIVITIES		KEY ENVIRONMENTAL INCORPORATED		Date:	9/24/2010
EPA Removal Order				Page:	1 of
Kearny, NJ					
Weather	Partly cloudy / 90°		CQA Inspector:	Jamak Koochak	
Personnel Onsite	Dan Stanko } key Jaussa Picchetti } Tiricia Moon }		J. Melio W. Bobotkal (supervisor) Rafael Masabanda		Baraquiel Ramirez } Gerson Veigas } Nova
Equipment Onsite	Generators, lift, hand tools				
Visitors Observed	<del>None</del> Dominick Trigani (Nova) for weekly meeting.				
ACTIVITIES COMPLETED:					
7:00 Nova unloaded the materials & held the safety meeting till 7:45					
7:45 started working on building "21's" roof					
8:47 Two workers started working on window "1" on building "17"					
the rest are working on the roof.					
10:00 - 10:30 weekly conference call					
11:00 done with window "1" on building "17" still working on the 21's					
roof as there are some complications in the method that they originally					
had.					
12:30 They are still working on the roof.					
They finished the roof opening except the anchors to secure it to the top					
of the building (21) to the ground which they do it on Monday (09/27/2010)					
at 15:00					
They also finished putting crossing beams & one plywood on					
window "1" of bldg "17"					
15:00 Done for today.					
* On building "17" four windows were closed from inside due to					
concrete condition outside of the windows					
* Nobody entered building "18" today.					
ISSUES / CONCERNS:					



09/24/2010





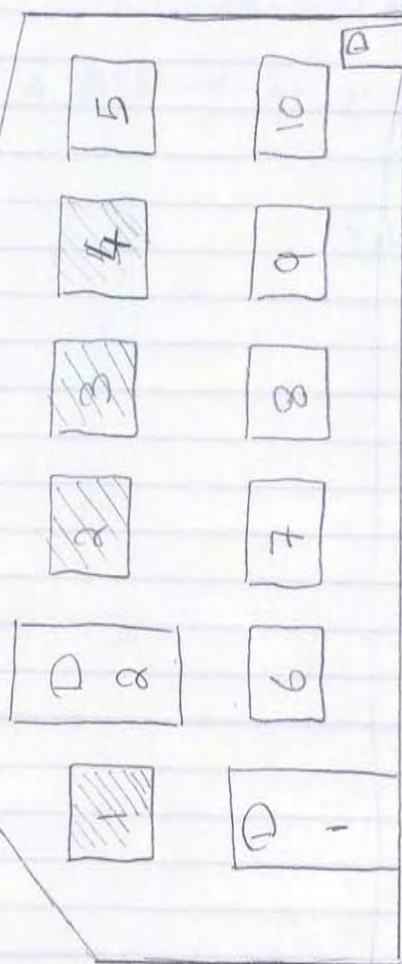
DAILY FIELD ACTIVITIES		KEY ENVIRONMENTAL INCORPORATED	Date:	09/27/2010
EPA Removal Order			Page:	1 of 1
Kearny, NJ		CQA Inspector:		Jamrak Koochak
Weather	Rainy, 67°			
Personnel Onsite	Tereza Moon Dan Stanko (key) Jason Pieretti		Wieslaw Sobotka Baraquiel Ramirez Gerson Santos Vargas Jaime melio R. Masabanda (Nova)	
Equipment Onsite	Powder actuated gun, generator,			
Visitors Observed				
ACTIVITIES COMPLETED:				
7:00 - 7:15 Health & Safety meeting				
7:15 started bringing equipments to the work area				
7:30 started working on building "18" as it's pouring & they can't go on the lift or work on the Scaffold.				
11:00 Chuck Davis (W.R. Company) issued Permit for using the Powder actuated tools				
11:35 finished putting frames & crossing beams on windows "17", "4", "3" & also finished putting plywood on window "17"				
12:23 Nova finished putting ply wood on windows "16", "3" & "4"				
13:48 finished painting installed plywoods & started window "2"				
14:00 Finish installing frames & ply wood on window "2", "20" & "21"				
Door "4" on building "18" (North side of the build) was in a very good shape so Nova locked it & Secure it.				
14:30 finished working on build "18" & transfered all the equipments to the building "15"				
15:00 Done for day				
ISSUES / CONCERNS:				



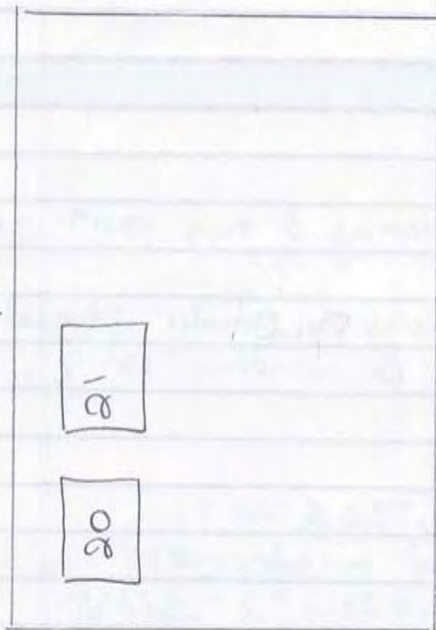
Building "18"

North  
↑

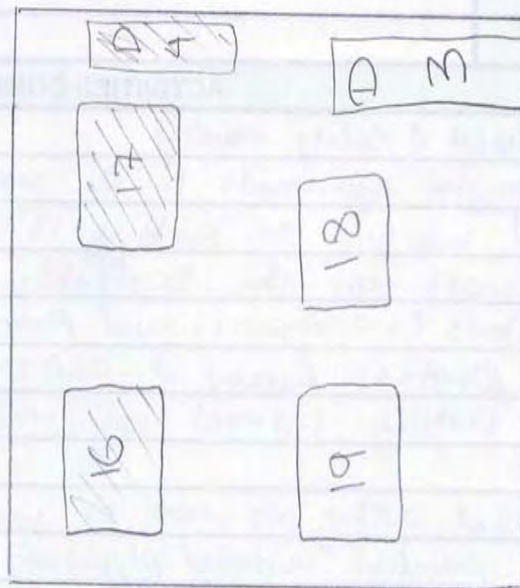
← West Side



East side



North side





## DAILY FIELD ACTIVITIES

EPA Removal Order

Kearny, NJ

**KEY ENVIRONMENTAL  
INCORPORATED**

Date:

09/28/2010

Page:

1 of 1

Weather	Cloudy, 79° / Rainy	CQA Inspector:	Jamak Koochak
Personnel Onsite	Dan Stanko Jaeson Pieretti (key) Tiricia Moore	Wieslaw Sobotka Baragwel Ramirez Gerson Vargan	Santos Delgado Jamie Melia R. Masabanda
Equipment Onsite	Generator, Powder abatement gun,		
Visitors Observed	Tom Kaldan (Nova)		

## ACTIVITIES COMPLETED:

7:00-7:15 Tailgate meeting

7:15 Starting bringing equipments &amp; materials to the work zone &amp; wore Protection Suits

7:30 Started working on window "11" of building "15" from inside of the building &amp; also on window "2" &amp; "6" of building "18" &amp; finished them at 9:30 (just putting plywood on "2" as they put frames on window "2" on 9/27/2)

11:30 Finished windows "18" &amp; started working on "19" of building "18"

12:30 Finished window "19" &amp; started working on windows "8" &amp; "9"

13:30 finished window "8" &amp; also finished putting frame &amp; crossing beams on window "9"

13:30 started taking off the old plywood on window "30" &amp; put new frames &amp; beams, also put frames for door "2" &amp; window "23"

14:15 finished window "30", started working on window "7" on west side of building "18"

14:20 finished window - 6 &amp; "28" of build "18":

14:30 finished putting crossing beams &amp; frame on window "7"

Nova also sealed door #4 from inside.

13:00 Done for a day &amp; left the site.

\* Painting of windows "11" of building "15" &amp; windows "6", "8", "16", "18", "19", "9", "7", "20", "21" &amp; "30" is finished though they are going to spray them once more at the end of the job

Today's summary: Window "11" on build "15" &amp; "28", "30", "6", "7", "8", "9", "18" &amp; "19" on building "18" are finished, also door "4" on build "18"

## ISSUES / CONCERNS:

Window "30" &amp; "29" on building "18" had old plywood, in order to install the new one, Nova removed old plywoods.

All the windows on building "18" were sealed from inside so far.



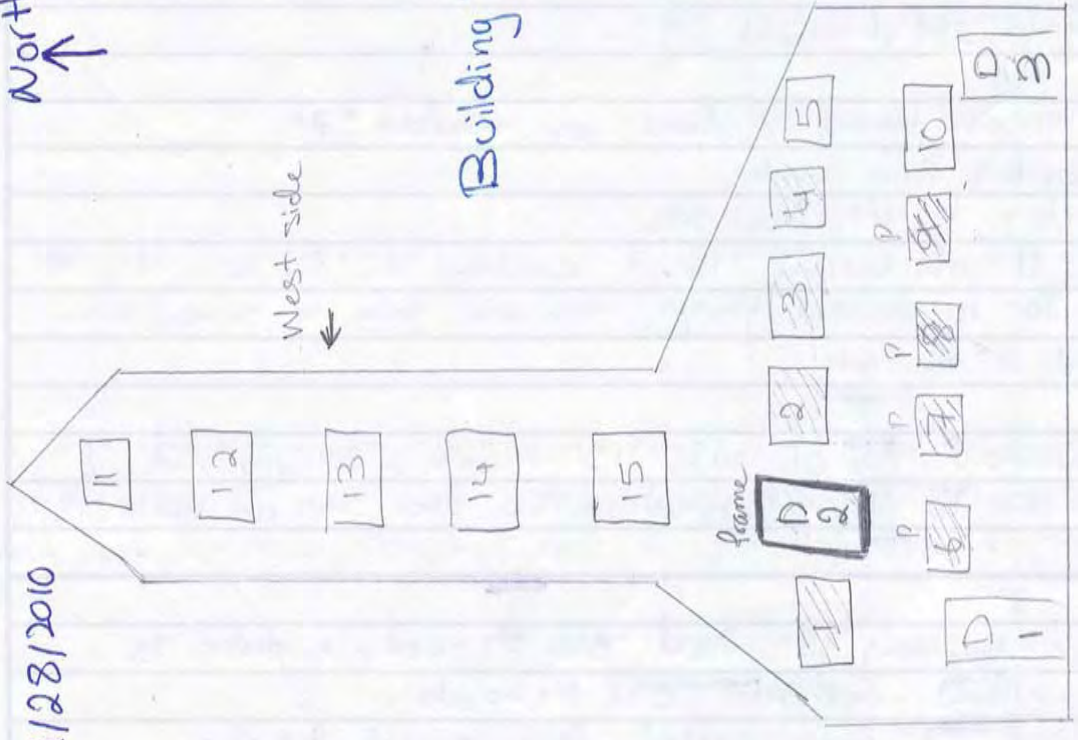
09/28/2010

North  
↑

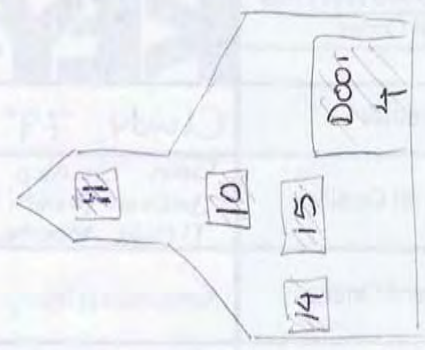
West side  
↓

East side  
↑

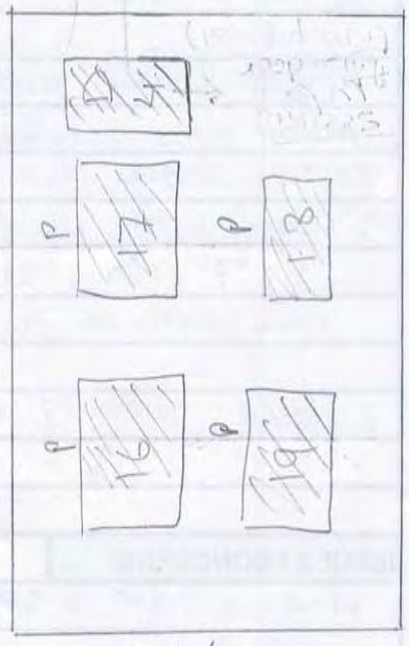
Building "18"



Building "15"  
East side  
↑



North side  
↑

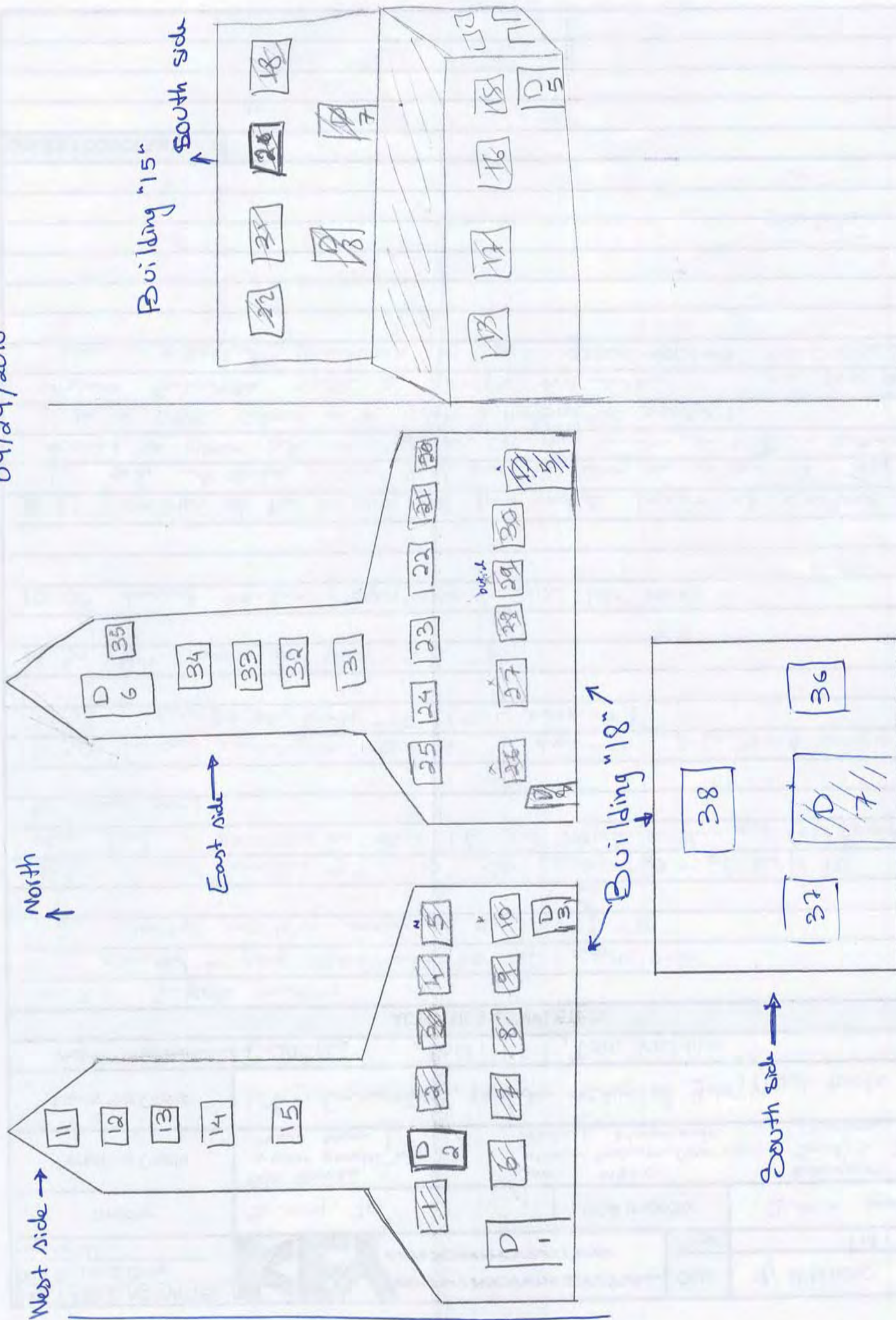




DAILY FIELD ACTIVITIES		<div style="display: flex; align-items: center;"> <div style="font-size: 2em; font-weight: bold; margin-right: 10px;">KEY</div> <div> <b>ENVIRONMENTAL</b>  <b>INCORPORATED</b> </div> </div>		Date:
EPA Removal Order				Page:
Kearny, NJ		9/29/2010		
Weather		Sunny, 70°		
Personnel Onsite		CQA Inspector: Jamak Koochak		
Equipment Onsite		<div style="display: flex; justify-content: space-between;"> <div>           Dan Stariko            Jason Peretti            Mica Moore         </div> <div>           Jamic Melio            Wislaw Sobotka (supervisor)            Rafael Masabanda         </div> <div>           Baragunt Ramirez            Santos Delgado            Gerson Vargas         </div> </div>		
Visitors Observed		1 of 1		
Dominick, Tod, Tom kaldan				
ACTIVITIES COMPLETED:				
7:00 - 7:15 Tailgate meeting				
7:15 started bringing equipments to the work area				
7:35 started working inside of the building "18"				
12:30 finished windows "5" & "10" also window "20" of build 15				
They had a slow day as their lift got stuck in the mud (wet condition due to recent rain)				
13:30 finished working on door "7" & door "5". Also built sample on window 29 of build "18" (see below*)				
14:30 Put frame on door 5 & "8"				
15:00 finished transferring equipments & Done for today				
<p>* A) Condition of the building "18" from inside doesn't let workers to be safe &amp; stable while they are working on building "18". They decided to close all the windows on the tower part from outside with a little change in a plan (method of sealing)</p> <p>Wislaw Sobotka made a sample on window " " as you can see in attached pictures to get group approval to proceed.</p>				
ISSUES / CONCERNS:				



09/29/2010





**DAILY FIELD ACTIVITIES**

EPA Removal Order

Kearny, NJ

**KEY ENVIRONMENTAL INCORPORATED**

Date:

10/06/2010

Page:

1 of 1

Weather

Sunny, 69°

CQA Inspector:

~~Jamak~~ Kocchak

Personnel Onsite

 Don Stanke  
Jason Pieretti  
Melisa Gabriel

 W. Sobotka  
R. Masabanda  
Gerson Vargas

 Baraquiel Ramirez  
Santos Delgado  
J. Meljo

Equipment Onsite

Generator, Powder actuation Gun, hand tools

Visitors Observed

N/A

**ACTIVITIES COMPLETED:**

7:00 - 7:20 Tailgate meeting

7:20 started bringing equipments to the work zone

Putting frame &amp; crossing beams on window "46", "12", "39"

4 workers were working inside of build "18" &amp; preparing necessary materials inside build "15" (10:30)

 finished putting frames & beams on windows "46", "12", "39" at 10:50  
 AT 12:00 They finished putting plywood on windows "39" & "12"

12:40-14:30 started working on windows "11", "13", "41" &amp; "44"

finish putting plywoods on windows "44", "41" &amp; "11" also putting frame &amp; crossing beams on "13"

 15:30 finished putting plywood on window "13" & wrapup the equipments  
 15:40 left the site

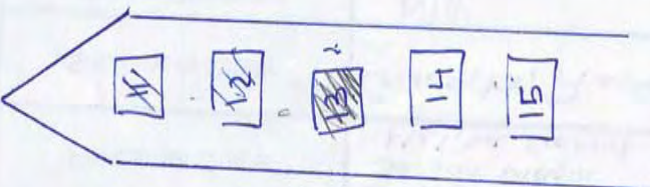
\* Nova built the wooden door on door "3" on building "15" with the lock on it to make an access to the building.

**ISSUES / CONCERNS:**

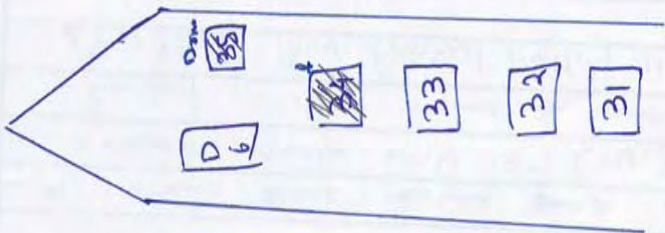


09/06/2010

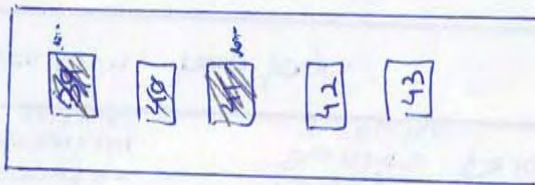
West side  
↑



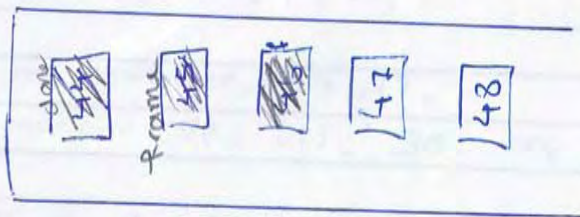
East side  
↓



South side  
↑



North side  
↑





**DAILY FIELD ACTIVITIES**

EPA Removal Order

Kearny, NJ

**KEY ENVIRONMENTAL INCORPORATED**

Date:

10/07/2010

Page:

1 of 1

Weather

Sprinkle / Cloudy

73°

CQA Inspector:

Jamak Koochak

Personnel Onsite

 Melissa Gabriel  
 Dean Stanko  
 Jason Pieretti  
 Adam Pence

 W. Sobotka  
 J. Melijo  
 Santos Delgado

 R. Masabanda  
 Cresson Vargas  
 Baraguid Ramirez

Equipment Onsite

Generator, Hand tools, Powder actuated gun

Visitors Observed

N/A

**ACTIVITIES COMPLETED:**

7:00 - 7:15 Tailgate meeting

7:15 - 7:25 Transferring equipments to the work area

Today 4 workers are working in building "18" with proper protection suit.

Started working on windows "14" &amp; "15". They put plywood on 14 as it already had the frame &amp; beams. put frame &amp; crossing beams on "15"

 At 10:30 They finished "14" & "15" & started working on "45" to put plywood.  
 11:00 done with "45"

 13:00 started working on 2 small window on build "17" (windows 12 & 13)  
 Also opened door "2" & made it with wood & lock to be able to use it as a opening in future  
 Also finished window "24" & "26" on build "18"

14:00 Done with windows &amp; the door on build "17" &amp; started windows "12, 13, 11" (Painting) on build "18"

14:45 done for today

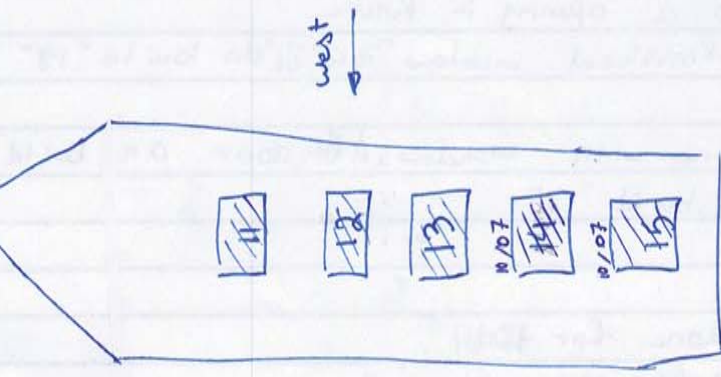
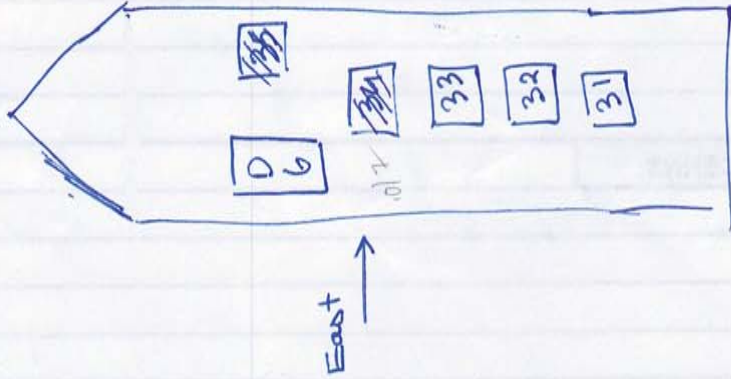
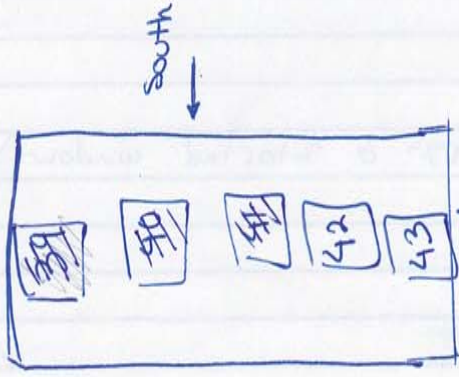
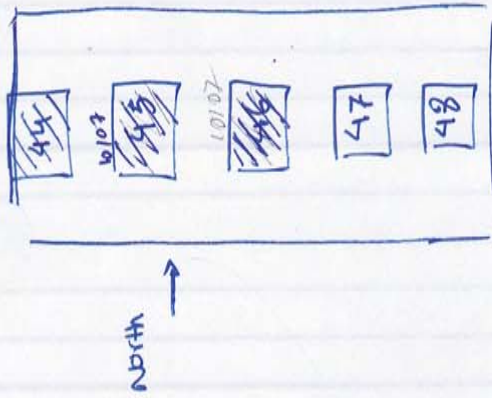
15:15 left the site

**ISSUES / CONCERNS:**

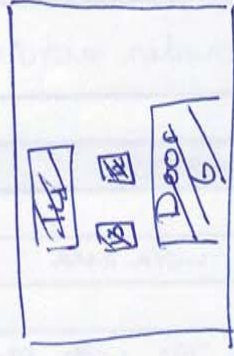


10 / 07/2010

Building 18



Building 17  
west side



done  
done on 5/10/08



## DAILY FIELD ACTIVITIES

EPA Removal Order

Kearny, NJ

**KEY** ENVIRONMENTAL  
INCORPORATED

Date:

10/08/2010

Page:

1 of 1

Weather

Sunny, 75°

CQA Inspector:

Jarnak Koochak

Personnel Onsite

Jason Piretti  
Dan Stanke  
Adam Penn  
Melissa GabrielW. Sobotta  
Santos delgado  
J. MelijoR. Mosabanda  
Cerson Vargaz  
Benedict Ramirez

Equipment Onsite

Generator, hand tools, lift, Powder actuation gun

Visitors Observed

N/A

## ACTIVITIES COMPLETED:

7:05-7:15 Tailgate meeting

7:20 Started bringing equipment

7:30 Started working on door "7" on building "18" &amp; also put beams &amp; frame on windows "46" &amp; "47" of build "18" (North side)

9:00 10:00 Painted all the windows on South side of building "17"

10:30 finished Closing door 2 on build "18" from inside &amp; started to work on windows 36 &amp; 37 on build "18"

12:00 finished windows 36 &amp; 37 (just beams &amp; framing)

12:45-1:45 finished windows 46 &amp; 47 from outside. also closed door 7 on South side &amp; door " " on East side

14:45 finished building wooden door as a access door on door "1" on West side of build "18"

15:00 started wrapping up

15:15 left the site.

15:00 15:05 Weekly meeting

Summary: door "7" &amp; "1" &amp; "2" are completed on build "18"

All the windows & doors on build "17" are painted  
on windows 36 & 37 installed beams & frames

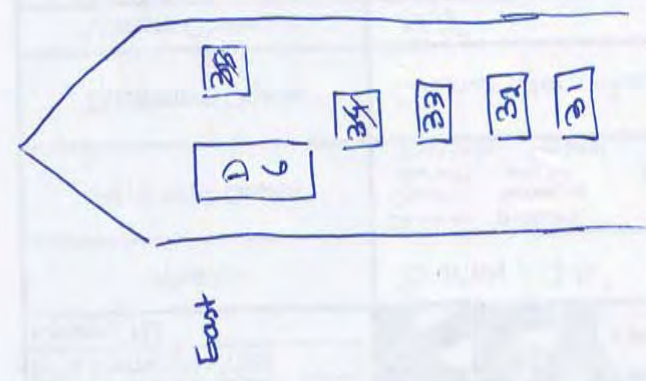
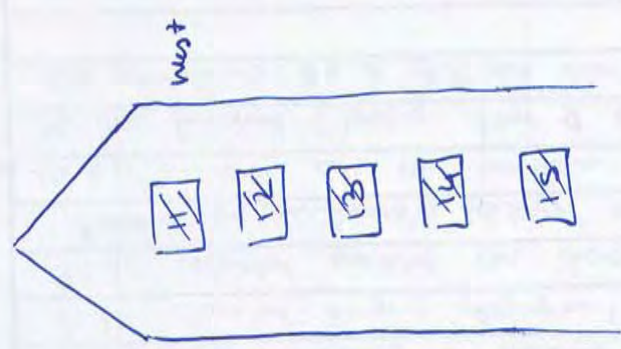
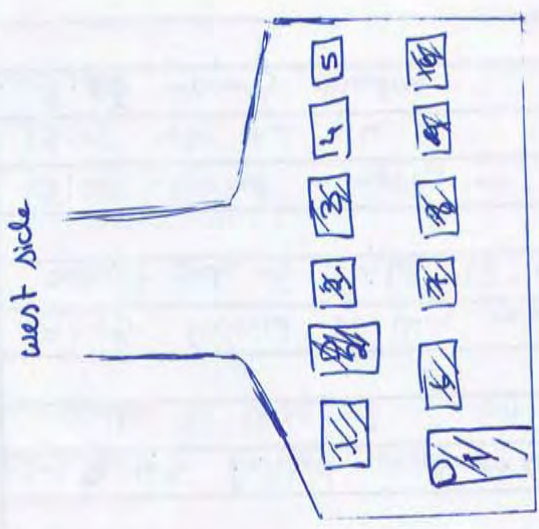
windows 46 &amp; 47 Closed from outside (North side of build "18")

## ISSUES / CONCERNS:

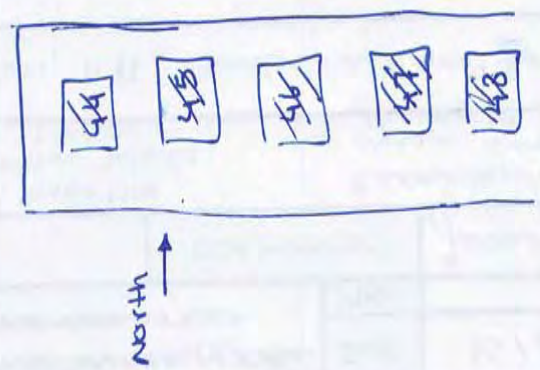
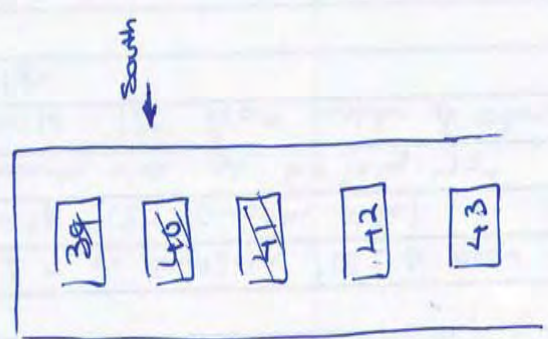
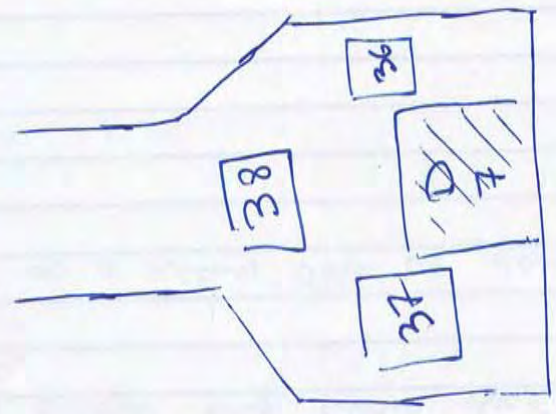
There is a baby owl on the upper level of the build "18" &amp; we are still waiting for the way to bring it out somehow or leave a hole or Exit for it on the upper level of the building.



10/08/2010



South side









NOVA installing rubber sheeting on wooden frame on roof opening on Bldg 21

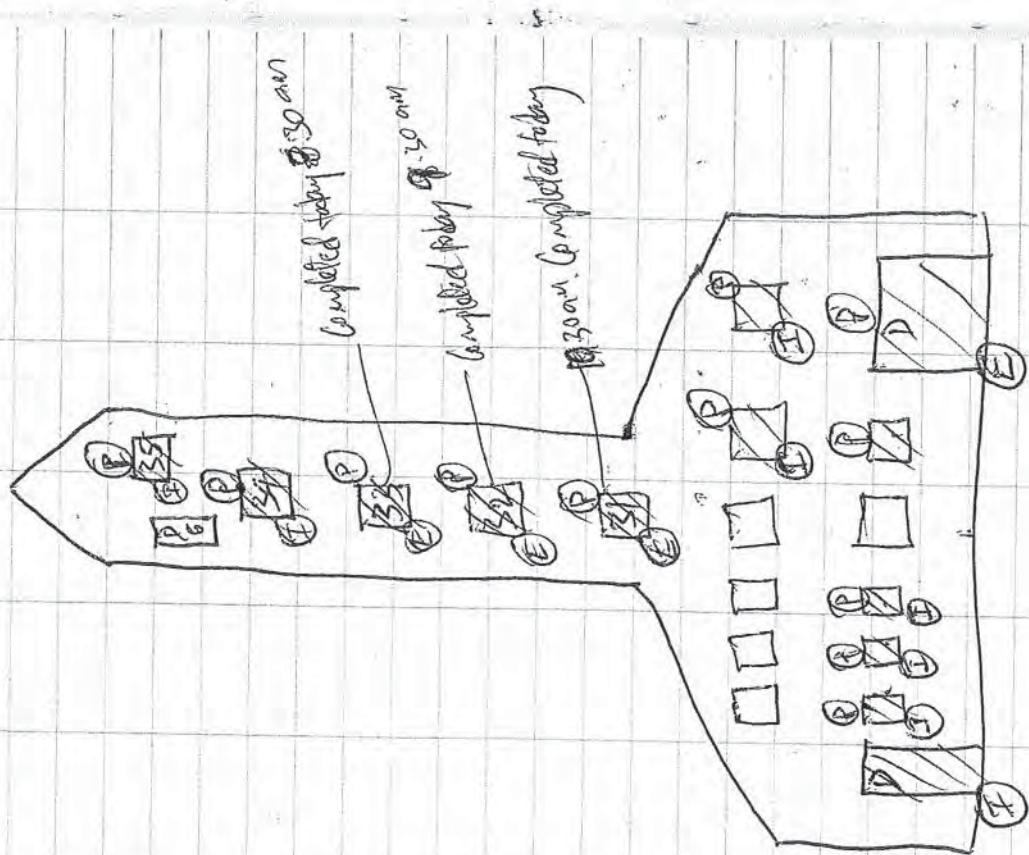


NOVA installing wooden frames on windows of Bldg 18



Location \_\_\_\_\_ Date \_\_\_\_\_  
 Project / Client \_\_\_\_\_

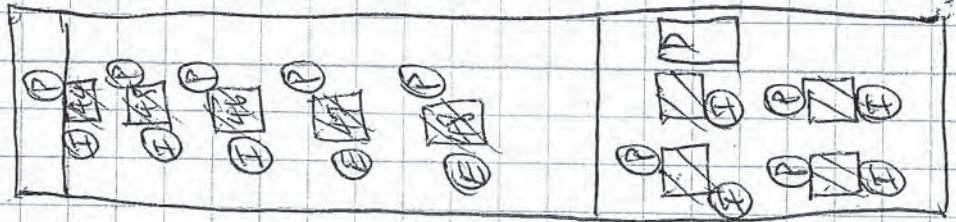
Bldg 18 - East wall elevation



Location \_\_\_\_\_ Date \_\_\_\_\_  
 Project / Client \_\_\_\_\_

Bldg 18 - North wall elevation

- Ⓟ Primer/paint sprayed
- Ⓢ Sealing from interior
- Ⓤ Sealing from exterior
- ▨ Completed Sealing today or previously



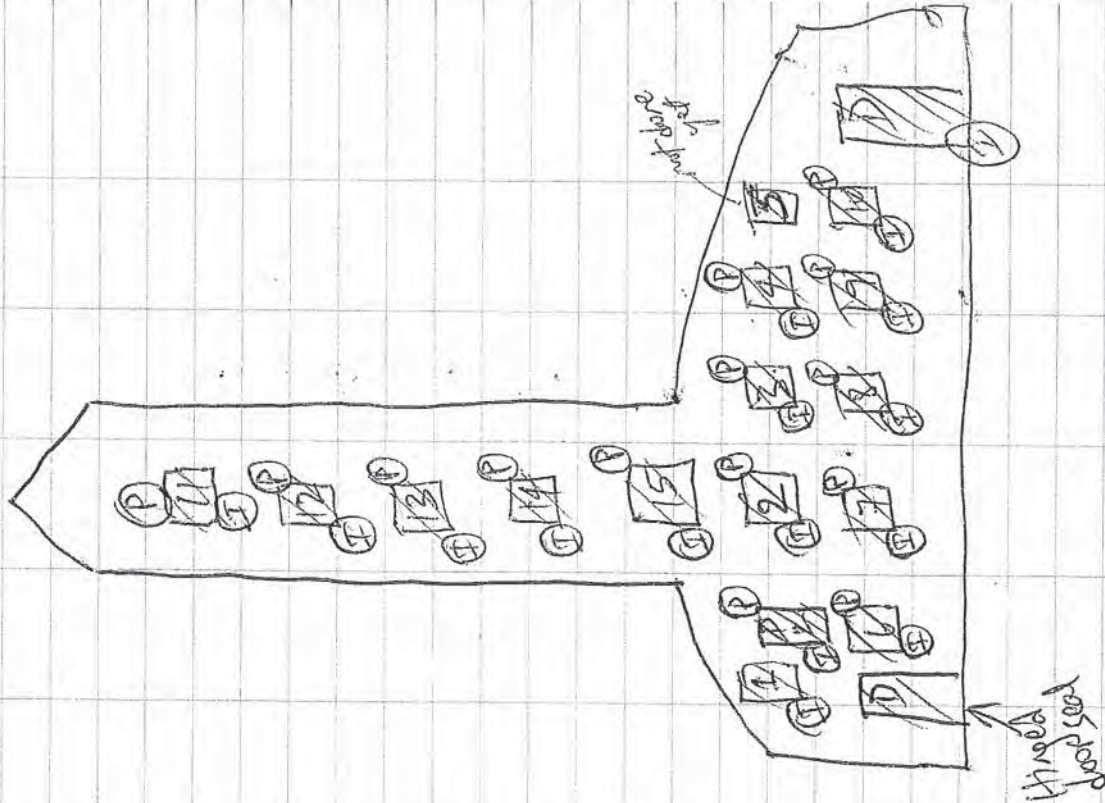


Location \_\_\_\_\_

Date \_\_\_\_\_

Project / Client \_\_\_\_\_

Bldg 18 - West wall elevation

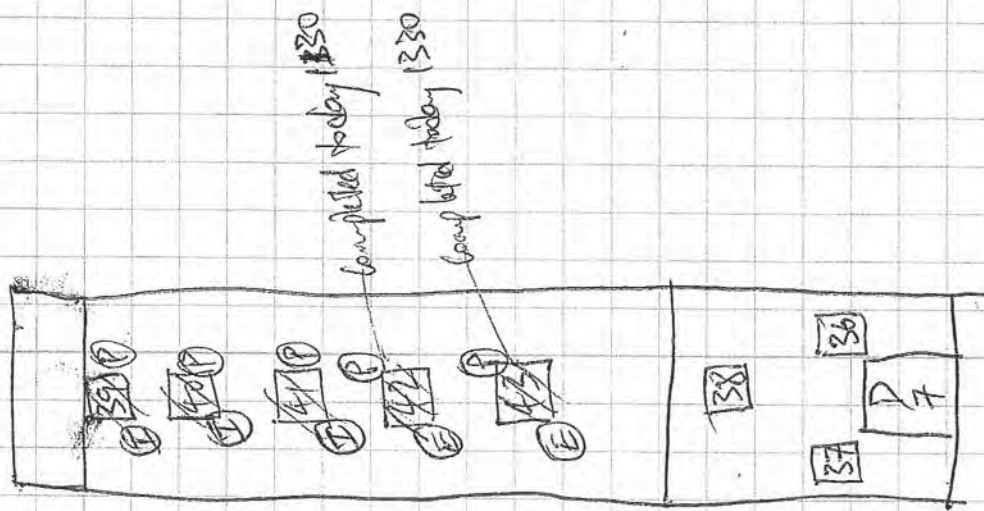


Location \_\_\_\_\_

Date \_\_\_\_\_

Project / Client \_\_\_\_\_

Bldg 18 - South wall elevation





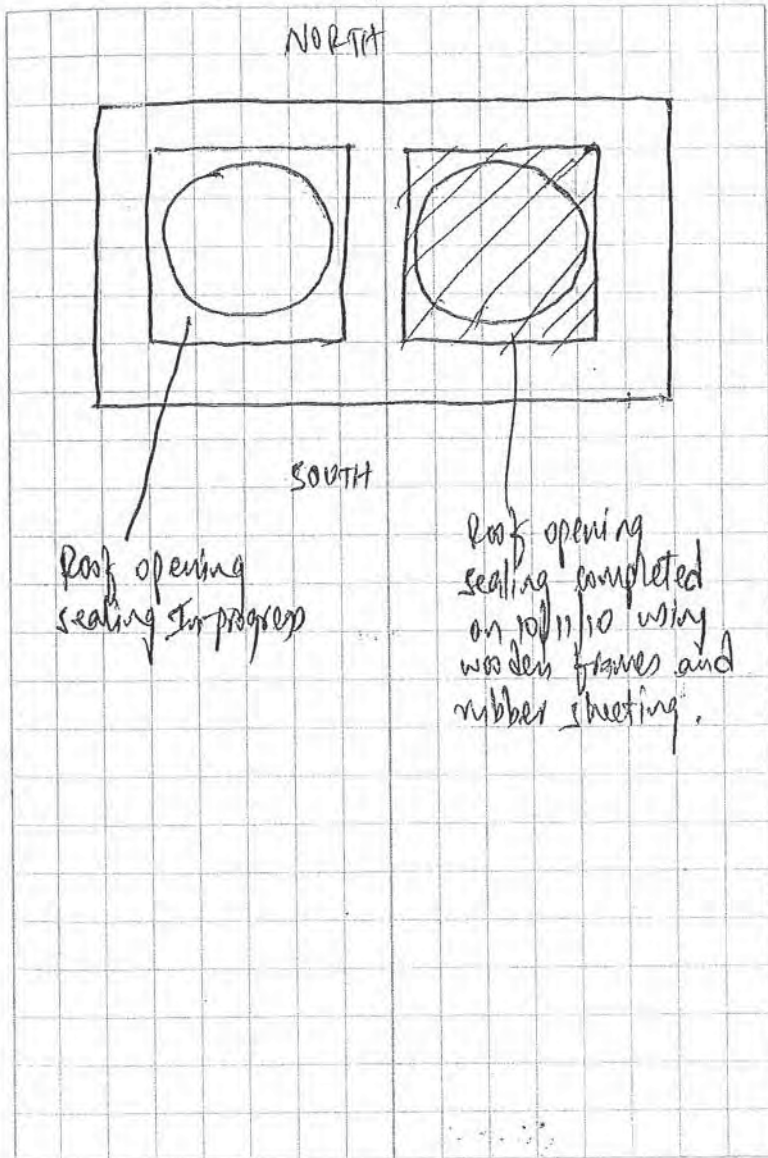
Location \_\_\_\_\_

Date \_\_\_\_\_

45

Project / Client \_\_\_\_\_

## BUILDING 21 (ROOF OPENINGS)





<b>DAILY FIELD ACTIVITIES</b>		<b>KEY ENVIRONMENTAL INCORPORATED</b>	Date:	10/12/2010
EPA Removal Order			Page:	1 of 1
Kearny, NJ				
Weather	Rainy, Cloudy, 69°		CQA Inspector:	Jarnak Koochak
Personnel Onsite	Dan Stanko / Wieslaw Sobotka Jason Pieretti / R. Masabanda Melissa Gabriel / Cerson vergas Adam Pence / Santos Baraguid Ramirez Jamie Mejia			
Equipment Onsite	lift, hand tools, Powder actuation gen.			
Visitors Observed				

#### ACTIVITIES COMPLETED:

7:00 - 7:20 Conducting Health & Safety meeting

7:30 started moving lift to the southern side of building 18 to be able to have access to the roof of build "21" & windows on south side of the build "18".

8-10:30 finished windows "23" & "24" from outside

11:28 started working on window "5" from outside on the manlift on build "18" & still working on installing rubber roof material on the build "21" ~~is~~ roof

12:30 They finished roof on 21 & also windows "5" & "34"

13-15:00 They started bring all materials to the building 21 to be ready for tomorrow

15:15 left the site

Summary: windows "23", "24", "5", "34" ~~are~~ were sealed

Rubber roof material ~~was~~ placed on the second opening of the roof of build "21" and it was also glued to the wooden frame using Versico adhesive.

#### ISSUES / CONCERNS:

R. Masabanda ~~go~~ handed his certification (HWWTP) & I asked John Francis about this certificate & he confirmed that it's for training workers for 24 hrs, 40 hrs, 8 hrs refresher & emergency responders & is enough for working on site. I attached the copy to rest of his documents.



10/12/2010

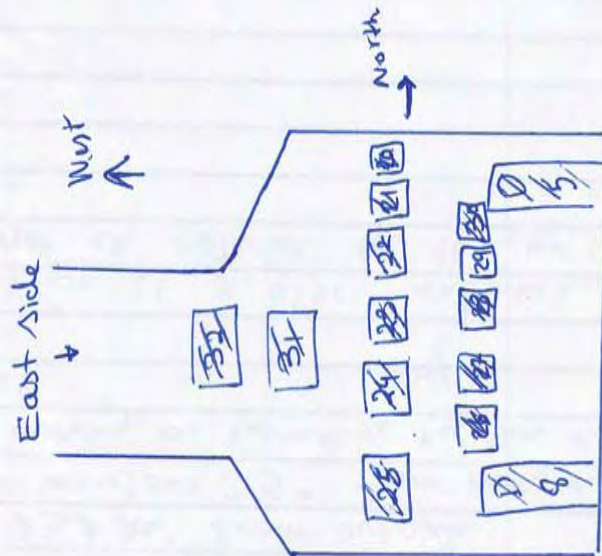
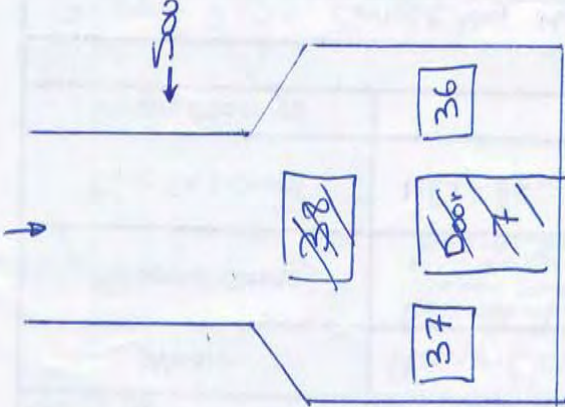
30600 6000

10000

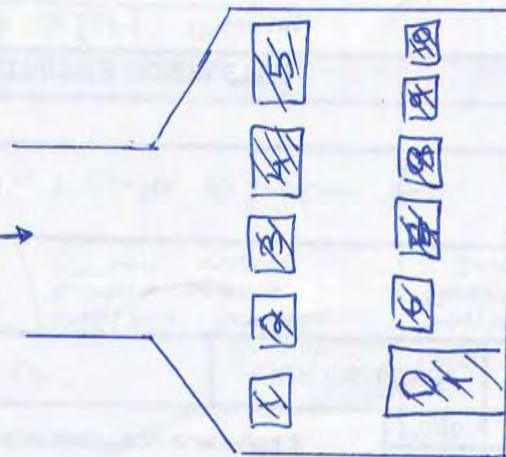
10000

10000

South side



West side



North

t



## DAILY FIELD ACTIVITIES

EPA Removal Order

Kearny, NJ

**KEY** ENVIRONMENTAL  
INCORPORATED

Date:

10/13/2010

Page:

1 of 1

Weather

Sunny 64°

CQA Inspector:

Jamar Koochak

Personnel Onsite

Dan Stanke  
Adam Pence  
Jason Picchetti  
Melina CabridWieslaw Sobotka  
Santos Delgado  
J. MeligoR. Masabanda  
Cerson Vargas  
Baragwel Ramirez

Equipment Onsite

lift, Generator, hand tools, Powder activation gun, ladder

Visitors Observed

Bonnie Hriczko

## ACTIVITIES COMPLETED:

7:05 - 7:20 Conducted Tailgate meeting

7:20 - 7:30 Bringing the equipments &amp; material to the work area.

7:30 started working on roof of build "17" &amp; windows on "18"

10:30 finished windows 29, 36 & 37 on build "18" from outside  
(These buildings already had frames & supporting beams)still working on the 21's roof & also put lock on door of build "21"  
(access door) finished at 11:0014:15 They put supporting beams & frames on window "2" on build "21"  
still working on the roof.14:50 finished the roof, cleaned the lift from big clumps of mud &  
made it ready for decon on 10/14/2010

15:00 left the site.

Bonnie Hriczko was on the site at 3:10, she walked through  
the buildings & didn't give any comments.Summary: finished all the windows on "18" (3 windows)  
finished access door for build "17" & the roof (rubber material)  
put frames & beams on 2 windows on "21"

15:1 from inside

17:4 w out &amp; 4 sw

## ISSUES / CONCERNS:

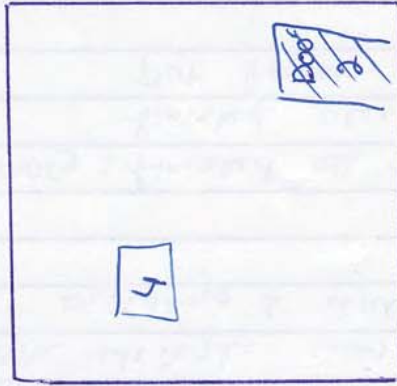
Note is going to put all the PPE suits which they  
used while working inside building "18" in a drum & leave it inside of build  
"18". They put all the leftover wood in a regular garbage bag & take it  
off site, also they leave the drum of boot wash water & the plywoods lying  
for lift and as a pathway on a fill on site. W.R.S is taking care of the drum  
of water.



7325210200

Building "21"

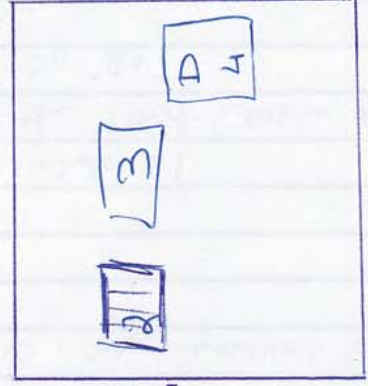
10/13/2010



East  
↑  
side

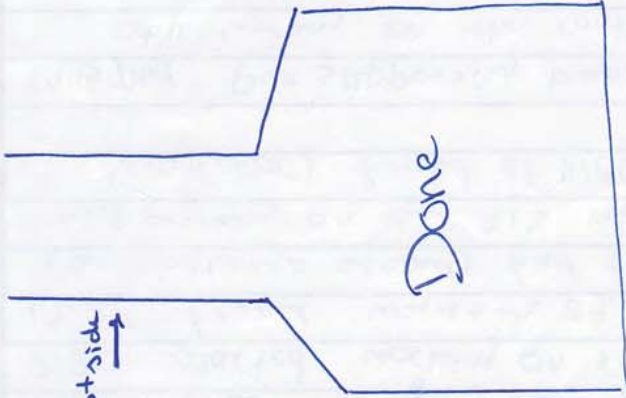


West  
↑  
side

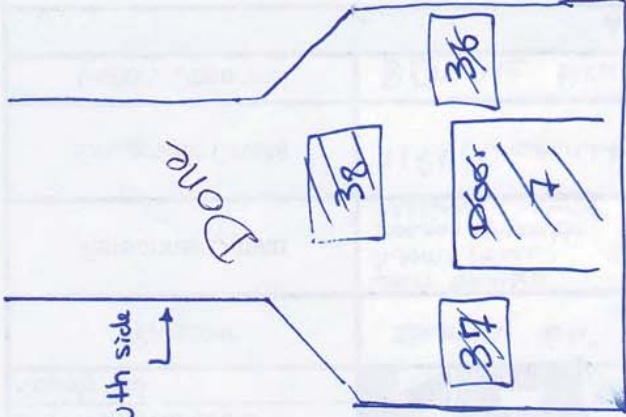


South  
↑  
side

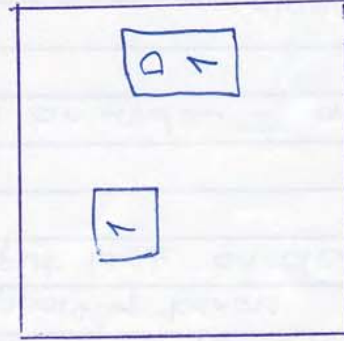
Building "18"



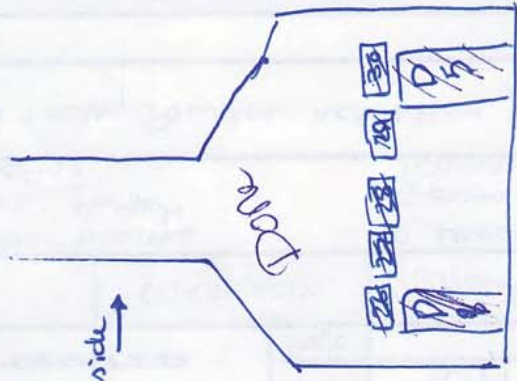
West side  
↑



South side  
↑



North side  
↑



East side  
↑

Window 16 from outside  
door: 1 " "



**DAILY FIELD ACTIVITIES**

EPA Removal Order

Kearny, NJ

**KEY ENVIRONMENTAL INCORPORATED**

Date:

10/14/2010

Page:

1 of 1

Weather

Sunny, 65°

CQA Inspector:

Jamar Koochak

Personnel Onsite

 Dan Stanko / W. Sobotta  
 Jason Pieretti / Santos delgado  
 Steve Bagnall / R. Mostarda

 Baraguiel Ramirez  
 Cerso Vargos  
 J. Mejia

Equipment Onsite

Ladder, hand tools, Generator,

Visitors Observed

N/A

**ACTIVITIES COMPLETED:**

7:15: 7:30 Tailgate meeting

7:45 started working on the windows on build 21 &amp; also painting remaining windows.

10:30 finished painting all the windows on all the buildings also finished sealing windows "2" &amp; "3" &amp; door "4" on building "21" started working on door "1" on the North side.

12:30 finished remaining windows on building "21" (100% complete) built access door on door "3" on the west side of the building

AT 12:00 W.R.S brought the water tank to the decon station &amp; now washed &amp; decon the manlift.

**Summary**

Building "21" : done!

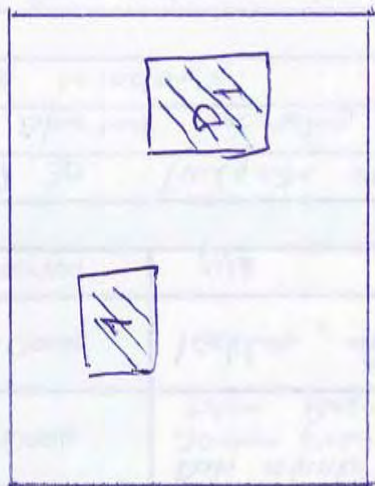
Painting of all windows on all the buildings are done. also all the access door has locks &amp; (4 doors on "15", "21", "18" &amp; "17").

**ISSUES / CONCERNS:**

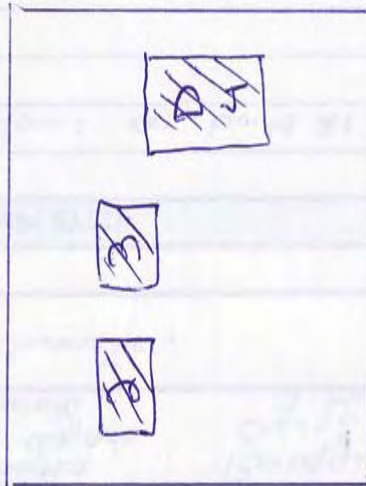


10/14/2010

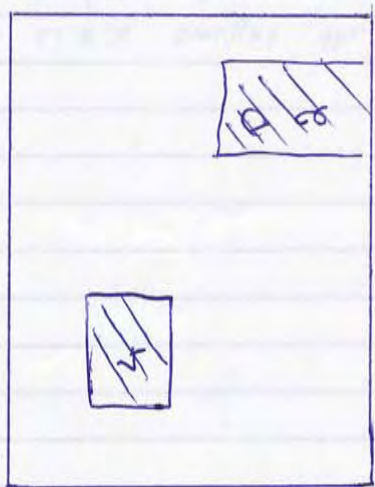
Building ~21"



↑  
North side



↑  
South side



↑  
East side



↑  
West side



## DAILY FIELD ACTIVITIES

EPA Removal Order

Kearny, NJ

**KEY** ENVIRONMENTAL  
INCORPORATED

Date:

10/15/2010

Page:

1 of 1

Weather

Sunny/Rainy 64°

CQA Inspector:

Jamek Roochak

Personnel Onsite

Dan Stanke  
Jason Pieretti  
Steve BagnallWislaw Sobotka  
R. Masabanda  
Jamie Meliso

Equipment Onsite

Generator, hand tools.

Visitors Observed

N/A

## ACTIVITIES COMPLETED:

8:00

started working on the small door on the <sup>South</sup> side of the building 15 which they left open to go in & out & put proper locks on the access doors.

11:00 They finished.

2 drums full of PPE suits placed inside of the building 18

1 (one) drum full of water (boot wash water) was placed in front of the work area to be disposed.

All the wood scrap was taken offsite to dispose

11:10 Nova left the site.

~~There~~ Nova didn't receive enough signs for fence & building so they are going to come back next week to finish that task.

Summary: Building 21: Completed

Building 18: completed

Building 17: Completed

Building 15: Completed final remaining door → now totally completed.

NOVA Demos Containers/PPE/ &amp; other Accessories.

## ISSUES / CONCERNS:

Nova left the storage container on the site & claimed that the rental company is going to pick it up. Confirmation email from Dominick Tringali was sent to show Nova is responsible even when their worker leave the site today.



[illegible]

**APPENDIX B**  
**PHOTO DOCUMENTATION OF THE WORK**



**(Photo 1) Frames & Crossing beams**



**(Photo 2) Installing ply-wood**



**(Photo 3) Details on the frames & crossing beams**



**(Photo 4) Sign on the fence around the work area**





**(Photo 5) Painted door**



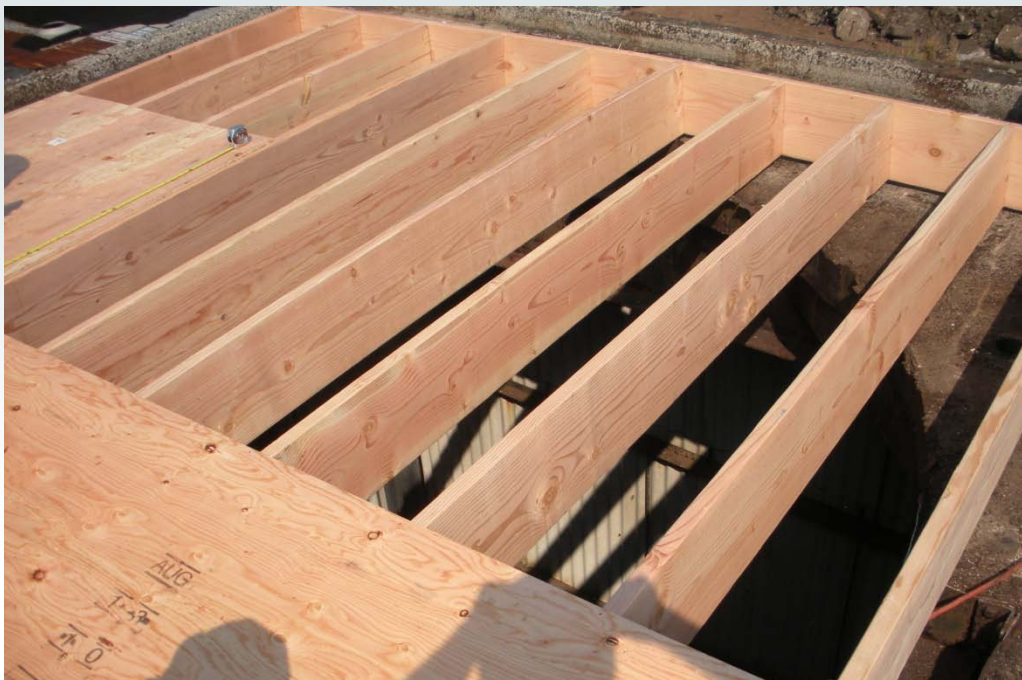
**(Photo 6) Transferring water from boot wash to the drum**



**(Photo 7) placing fills around the buildings**



**(Photo 8) Beams on the Roof**





**(Photo 9) signs on the roof before putting rubber glue material**



**(Photo 10) Secure the assemblies to the roof**



**(Photo 11) Going through decontamination set up after working on Build 18**



**(Photo 12) Sealing windows from inside – Building 18**





**(Photo 13) Demobilization of the decontamination apparatus**



**(Photo 14) Decontamination of Man Lift used in work area**



**(Photo 15) Completion of building 15 and the warning signs on the fence**



**(Photo 16) Warning signs on the building 21**





**(Photo 17) Warning signs on the access door**



**(Photo 18) Exiting building 18 in PPE suit**



**(Photo 19) Completion of building 15 (East & South sides)**



**(Photo 20) Completion of building 17 (South and West sides)**





**(Photo 21) Completion of building 18(West side)**



**(Photo 22) Completion of building 18 (East side)**



**(Photo 23) Completion of building 18 (South side)**



**(Photo 24) Completion of building 21 (South side)**





**(Photo 25) Completion of building 21 (East side)**



**(Photo 26) Completion of building 21 (West and South sides)**



**(Photo 27) Completion of building 21 (North side)**





**APPENDIX C**  
**EPA APPROVALS AND CORRESPONDENCE**



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION II  
EDISON, NEW JERSEY 08837

November 16, 2010

James S. Zubrow, P.G.  
Project Coordinator  
Key Environmental, Inc.  
200 Third Avenue  
Carnegie, PA 15106

RE: Approval of Proposed Modification to Work and Schedule  
Standard Chlorine Chemical Company Superfund Site  
Kearny, New Jersey

Dear Mr. Zubrow:

This letter provides the United States Environmental Protection Agency's approval of the Proposed Modification to Work and Schedule for Standard Chlorine Chemical Company Superfund Site dated November 8, 2010. This modification is considered an enforceable part of the Administrative Order on Consent No. 02-2010-2012.

If you have any questions on this approval please contact me at (732) 452-6415.

Sincerely,

A handwritten signature in black ink, appearing to read "Kimberly Staiger", is written over a horizontal line.

Kimberly Staiger  
On Scene Coordinator

cc: Sarah Flanagan, USEPA Region 2 – NYC  
Alison Hess, USEPA Region 2 – NYC